MANITOBA HEALTH

PROVINCIAL HEALTH PROGRAMS

COMMUNITY WATER FLUORIDATION PROGRAM

2003 / 2004

Environmental Health Unit

Manitoba Health
Public Health

MG-2688 (Rev. 4/02)

105-02171/

MANITOBA HEALTH

PROVINCIAL HEALTH PROGRAMS

COMMUNITY WATER FLUORIDATION PROGRAM

2003 / 2004

Prepared by: Enviro-Test Laboratories
(Manitoba Technology Centre Ltd.)
in conjunction with
Manitoba Health

TABLE OF CONTENTS

INTRODUCTION..... 1

I. STATUS OF FLUORIDATION IN MANITOBA..... 2
COMMUNITIES WITH A FLUORIDATED WATER SUPPLY TABLE I..... 3-5

II. FLUORIDATION GRANT
A. OVERVIEW.....6
B. NEW PARTICIPANTS AND UPGRADES.....6

III. EQUIPMENT
A. OVERVIEW.....7
B. FLUORIDATION SYSTEMS.....7
C. OPERATING PROBLEMS.....8

IV. MONITORING PROGRAM
A. OVERVIEW.....9
B. RESULTS.....10

BI-WEEKLY SAMPLING RESULTS - 2003 / 2004 SUMMARY TABLE II.....11

C. CERTIFICATES 2003 / 2004.....12
EXCELLENCE RECIPIENTS.....13
COMMENDATION RECIPIENTS.....14

V. INFRASTRUCTURE SERVICES..... 15

VI. SUPPORT SERVICES.....16

VII. FLUORIDE CONTROL DATA - 2003 / 2004..... 17
(Listed by location of the water treatment plant.)

FLUORIDE CONTROL DATA - 2003 / 2004 SUMMARY - TABLE III.....18-19
FLUORIDE CONTROL DATA KEY.....20

ALTONA.....21
AUSTIN.....22
BALDUR.....23
BENITO.....24
BINSCARTH.....25
BIRTLE.....26
BOISSEVAIN.....27
BRANDON.....28
CARMAN.....29
CHURCHILL.....30

TABLE OF CONTENTS continued Page

CRANBERRY PORTAGE....31
CROSS LAKE RESERVE....32
DAUPHIN....33
DELORAINE....34
ERICKSON....35
FLIN FLON....36
GILBERT PLAINS....37
GILLAM....38
GIMLI INDUSTRIAL PARK....39
GLADSTONE....40
GRISWOLD SIOUX VALLEY BAND....41

HAMIOTA....42
HARTNEY....43
KILLARNEY....44
LETELLIER....45
LONG PLAIN....46
MANITOU....47
MELITA....48
MINNEDOSA....49
MORDEN....50
MORRIS....51
NEEPAWA....52
NORWAY HOUSE COMMUNITY COUNCIL....53
OPASKWAYAK CREE NATION (OCN)....54

PILOT MOUND....55
PINAWA....56
PORTAGE LA PRAIRIE....57
RESTON....58
RIVERS....59
ROBLIN....60
ROSSBURN....61
RUSSELL....62
SANFORD....63
SAPOTAWEYAK....64
SHILO....65
SNOW LAKE....66
SOURIS....67

STEINBACH....68
STEPHENFIELD....69
SWAN RIVER....70
THE PAS....71
TREHERNE....72
VIRDEN....73
WABOWDEN....74
WINKLER....75
WINNIPEG....76

INTRODUCTION

This report is a brief summary of the performance of Manitoba Health's Community Water Fluoridation Program for the 2003 / 2004 fiscal year.

I. STATUS OF FLUORIDATION IN MANITOBA - 2003/2004

A total of fifty-six (56) water treatment plants provide fluoridated water to approximately eighty-nine (89) communities. Approximately 95% of the population served by a public water system receive fluoridated water. Population statistics are based on the 1996 census figures unless otherwise indicated. Included in the above statistics are an estimated number of rural residents who consume water transported from a fluoridated water supply.

Manitoba Health operates a province-wide fluoride level monitoring program for all fluoridating communities. All 56 water treatment plants participated in the monitoring program.

Manitoba Health offers a grant for communities wishing to install a fluoridation system in their communal water system. Assistance is provided in the design and selection of suitable fluoridation systems/equipment.

Training in equipment operation and maintenance, testing procedures, safety standards and monitoring protocol is provided initially to all communities. Technical assistance and support is then provided on an ongoing basis.

Manitoba Health

Summary

Province of Manitoba

Table 1

Communities with a Fluoridated Water Supply as of April 1, 2003

NOTE: Population statistics are from 1996 census except for those indicated by ** which are still 1991 figures and by * which are 1986 figures.**

Water Plant Location	Status	Population	Ministerial Approval	Dates On-Line	Background Level	Chemical Feed	Average F mg/L	Water Source	Water Plant Owner
ALTONA	Town	3286	66/09/19	N/A	0.29	H2SiF6 25 %	1.0	River	IS
AUSTIN	Region	1279***	88/12/15	88/12/15	0.19	NaF 4 %	1.0	River	RM
BALDUR	Village	341**	66/09/19	67/11/15	0.22	NaF 4 %	0.9	Well	IS
BENITO	Village	460	91/08/01	91/08/01	0.3	NaF 4 %	1.0	River	IS
BINSCARTH	Village	463	94/11/01	95/07/19	0.24	H2SiF6 25 %	0.9	Well	Village
BIRTLE	Town	720	89/05/04	87/11/07	0.26	NaF 4 %	1.1	Well	Town
BOISSEVAIN	Town	1544	56/11/05	57/01/11	0.2	NaF 4 %	0.9	SI	Town
BRANDON	City	39175	53/08/11	55/03/08	0.2	Na2SiF6 (Dry)	1.0	River	City
CARMAN	Town	2704	65/06/22	65/06/22	0.21	H2SiF6 25 %	0.8	River	Town
CHURCHILL	LGD	1089	94/11/01	95/10/04	< 0.10	H2SiF6 25 %	0.2	River	LGD
CRANBERRY PORTAGE	UVD	723	83/03/19	83/12/14	< 0.10	NaF 4 %	0.9	Lake	IS
CROSS LAKE RESERVE	Reserve	4000^	92/05/02	92/05/02	< 0.10	NaF 4 %	1.1	River	Reserve
DAUPHIN	Town	8226	57/08/02	80/05/03	0.14	H2SiF6 25 %	0.9	SI	Town
DELORAINE	Town	1041	67/07/28	68/09/24	0.16	NaF 4 %	0.9	SI	IS
ERICKSON	Village	507	72/10/12	73/05/04	0.23	NaF 4 %	1.0	Well	IS
FLIN FLON	City	6572	61/07/01	89/12/15	< 0.10	H2SiF6 25 %	1.0	Lake	City
GILBERT PLAINS	Village	748	89/02/22	89/02/22	0.19	NaF 4 %	1.1	Well	Village
GILLAM	LGD	1534	74/08/14	87/01/03	< 0.10	H2SiF6 25 %	0.9	River	LGD
GIMLI INDUSTRIAL PARK	Town	1574	63/08/01	63/12/23	0.43	NaF 4 %	1.0	Well	Town
GLADSTONE	Town	927	71/04/19	76/09/23	0.22	NaF 4 %	0.9	River	Town
GRISWOLD SIOUX VALLEY BAND	Reserve	1136	99/11/01	99/11/26	0.1	NaF 4 %	1.2	Well	Reserve
HAMIOTA	Village	847	70/05/27	70/08/17	0.29	NaF 4 %	0.9	Well	IS
HARTNEY	Town	462	64/01/02	64/12/16	0.2	NaF 4 %	1.0	Well	Town
KILLARNEY	Town	2208	60/10/12	60/10/25	0.19	NaF 4 %	1.1	Lake	Town
LETELLIER	Region	3921**	89/05/04	87/05/13	0.17	H2SiF6 25 %	1.0	River	IS

KEY:

1. Status
CFB - Canadian Forces Base
LGD - Local Government District
UVD - Unincorporated Village District

2. Type of Chemical Feed
H2SIF6 - Fluorosilicic Acid
NaF - Sodium Fluoride
Na2SiF6 - Sodium Fluorsilicate (Dry)

3. Water Plant Owner
MWSB - Manitoba Water Services Board
PVWC - Pembina Valley Water Co-op
RM - Rural Municipality

4. Water Source
SI - Surface Impoundment

Manitoba Health

Summary

Province of Manitoba

Table 1

Communities with a Fluoridated Water Supply as of April 1, 2003

NOTE: Population statistics are from 1996 census except for those indicated by ** which are still 1991 figures and by * which are 1986 figures.**

Water Plant Location	Status	Population	Ministerial Approval	Dates On-Line	Background Level	Chemical Feed	Average F mg/L	Water Source	Water Plant Owner
LONG PLAIN	Reserve	597	94/03/02	94/03/02	0.23	NaF 4 %	1.5	Well	Reserve
MANITOU	Village	781	64/01/21	65/05/13	0.19	NaF 4 %	1.1	SI	IS
MELITA	Town	1152	89/05/04	87/02/14	0.18	NaF 4 %	0.7	Well	Town
MINNEDOSA	Town	2443	60/01/25	86/04/01	0.28	H2SiF6 25 %	1.0	Well	Town
MORDEN	Town	5689	68/09/09	69/11/17	0.32	H2SiF6 25 %	0.9	Lake	Town
MORRIS	Town	1645	89/05/04	89/02/27	0.22	H2SiF6 25 %	1.1	River	Town
NEEPAWA	Town	3301	63/06/10	63/07/10	0.24	Na2SiF6 (Dry)	0.9	Lake	Town
NORWAY HOUSE COMMUNITY COUNCIL	Town	2100	95/01/01	95/09/01	0.21	H2SiF6 25 %	0.9	River	Town
OPASKWAYAK CREE NATION (OCN)	Reserve	N/A	N/A	N/A	0	NaF 4%	0.5	N/A	Reserve
PILOT MOUND	Village	716	68/10/25	70/12/21	0.21	NaF 4 %	0.9	SI	IS
PINAWA	LGD	1672	63/11/26	64/01/14	0.08	H2SiF6 25 %	1.0	River	LGD
PORTAGE LA PRAIRIE	City	13077	57/12/20	58/01/13	0.2	H2SiF6 25 %	0.9	River	City
RESTON	Village	620**	67/09/13	68/11/26	0.13	NaF 4 %	1.0	Well	IS
RIVERS	Town	1117	68/06/07	86/10/27	0.16	NaF 4 %	1.1	Well	Town
ROBLIN	Town	1885	69/06/07	86/10/27	0.26	NaF 4 %	1.0	Well	Town
ROSSBURN	Village	580	89/05/04	77/12/05	0.1	NaF 4 %	0.9	Well	IS
RUSSELL	Town	1605	65/09/10	67/03/01	0.21	NaF 4 %	0.9	Well	IS
SANFORD	Region	1657***	89/11/21	89/11/21	0.1	H2SiF6 25 %	0.9	River	RM
SAPOTAWEYAK	Reserve	800	03/12/18	03/12/18	0.31	NaF 4 %	0.8	River	Reserve
SHILO	CFB	3200***	69/01/14	69/01/14	0.05	NaF 4 %	1.0	Well	CFB
SNOW LAKE	Town	1310	89/04/01	91/05/01	0.1	H2SiF6 25 %	1.0	Lake	Town
SOURIS	Town	1613	62/07/11	63/11/05	0.19	NaF 4 %	1.5	River	Town
STEINBACH	City	8478	59/11/04	60/05/23	0.39	H2SiF6 25 %	0.9	Well	City
STEPHENFIELD	Region	800	98/12/01	99/02/01	0.2	H2SiF6 25 %	1.1	River	PVWC
SWAN RIVER	Town	3986	80/10/07	82/08/08	0.18	H2SiF6 25 %	0.9	Well	Town

KEY:

1. Status
CFB - Canadian Forces Base
LGD - Local Government District
UVD - Unincorporated Village District

2. Type of Chemical Feed
H2SIF6 - Fluorosilicic Acid
NaF - Sodium Fluoride
Na2SiF6 - Sodium Fluorsilicate (Dry)

3. Water Plant Owner
MWSB - Manitoba Water Services Board
PVWC - Pembina Valley Water Co-op
RM - Rural Municipality

4. Water Source
SI - Surface Impoundment

Province of Manitoba

Table 1

Communities with a Fluoridated Water Supply as of April 1, 2003

NOTE: Population statistics are from 1996 census except for those indicated by ** which are still 1991 figures and by * which are 1986 figures.**

Water Plant Location	Status	Population	Ministerial Approval	Dates On-Line	Background Level	Chemical Feed	Average F mg/L	Water Source	Water Plant Owner
THE PAS	Town	5945	64/07/20	64/07/23	0.15	H2SiF6 25 %	1.0	River	Town
TREHERNE	Village	675	72/11/10	73/06/11	0.32	NaF 4 %	1.0	Well	Village
VIRDEN	Town	2956	71/01/11	71/04/08	0.44	NaF 4 %	0.8	Well	Town
WABOWDEN	Village	700**	89/06/30	89/06/30	< 0.10	H2SiF6 25 %	0.9	Lake	UVD
WINKLER	Town	7241	64/01/21	64/06/24	0.26	H2SiF6 25 %	1.0	Well	Town
WINNIPEG	City	618477	56/07/20	56/12/28	0.1	H2SiF6 25 %	0.9	Lake	City
*OTHER		1148***							

NOTES:

-The Red River Regional Water Treatment Plant in Letellier, Manitoba serves the following communities: Altona Rural Water Co-op, Dominion City,Gnadenfeld, Gnadenthal, Halbstadt-Marais Water Co-op, Horndean, Neubergthal, Plum Coulee, Rosenfeld, Roseau River Reserve, Sommerfeld and St. Jean

-The town of Altona receives a blend of water from the Regional Plant in Letellier and the water treatment plant in Neche, North Dakota, USA. Altona is a sampling location only.

-The Village of MacGregor began receiving water from the Austin-MacGregor Regional Treatment Plant in December 1989

-The Regional Plant in Sanford also serves the communities of Domain, LaSalle, Oak Bluff and Starbuck

-The water treatment plant in Neche, North Dakota serves 1148*** in the following communities: Altona, Blumenort, Gretna, Kronstall, Neuhorst and Rosetown

^ Cross Lake Community and Cross Lake Reserves combined have an approximate population of 4000.

KEY:

1. Status
CFB - Canadian Forces Base
LGD - Local Government District
UVD - Unincorporated Village District

2. Type of Chemical Feed
H2SIF6 - Fluorosilicic Acid
NaF - Sodium Fluoride
Na2SIF6 - Sodium Fluorsilicate (Dry)

3. Water Plant Owner
MWSB - Manitoba Water Services Board
PVWC - Pembina Valley Water Co-op
RM - Rural Municipality

4. Water Source
SI - Surface Impoundment

II.FLUORIDATION GRANT

Each fiscal year, grant monies are available through Manitoba Health. The grant is a one time award to communities initiating a fluoridation system.

A.OVERVIEW

1)OBJECTIVE:
To have all communal water systems in the Province fluoridated.

2)ELIGIBILITY:
Any community with an existing water treatment plant that currently does not have an optimal fluoride level in the water supply is eligible.

3)DESCRIPTION:
If a community is interested in this grant, contact can be made with Manitoba Health. Manitoba Health will provide information on the grant program, make formal contact with the community and assist in the design, installation and operation of the equipment. Once the system is operational, payment will be authorized to the community for the initial purchase and installation of the equipment. Assistance is provided with ongoing monitoring of the fluoride levels in the water supply.

4) FUNDING:
The grant is based on actual initial costs of purchase and installation of equipment as submitted by communities.

5) MINISTERIAL APPROVAL:
Approval is issued by the Minister of Health to communities operating fluoridation systems in accordance with the regulations under the Manitoba Public Health Act.

B.NEW PARTICIPANTS AND UPGRADES

1) Negotiations are underway with several new Reserve Communities.

2) Several communities received small upgrade grants.

3) A new system was purchased for Somerset. On-line estimated to be summer of 2004.

4) Sapotaweyak on-line December 2003.

5) Griswold Sioux Valley back on-line October 2003

III. EQUIPMENT

Fluoridation systems are periodically monitored and reassessed for efficiency. Efforts are made to upgrade older equipment to more efficient systems.

A. OVERVIEW

Water treatment plants are visited on a periodic basis for the purpose of encouraging preventive maintenance of the fluoridation systems.

Ongoing assistance is provided to ensure that adequate maintenance and safety practices are being followed. Testing procedures are also reviewed to ensure accurate monitoring of fluoride levels.

B. FLUORIDATION SYSTEMS

There are four types of fluoridation systems available. They are as follows:

a) Acid Feed

This system utilizes fluorosilicic acid (H_2SiF_6) as the chemical feed.

b) Batch Mix

This system utilizes sodium fluoride (NaF) as the chemical feed. This system is labour intensive and communities utilizing this system are encouraged to upgrade to either an acid feed or an upflow saturator system.

c) Dry Feed

This system utilizes sodium fluorosilicate (Na_2SiF_6) as the chemical feed. These systems were designed and installed in the 1950's and 1960's for larger treatment facilities. All remaining are fully functional with few operating problems.

d) Upflow Saturator

This system utilizes sodium fluoride (NaF) in a 4% solution as the chemical feed.

C. OPERATING PROBLEMS

Temporary operating problems may occur from time to time and are usually related to one of the following:

a) obsolete or malfunctioning fluoride feed equipment
b) obsolete or defective testing equipment
c) incorrect testing procedures
d) equipment breakdown
e) improper maintenance
f) changeover to a new system

Occasionally, fluoridation problems are related to water plant problems which are rectified when the plant's problems are corrected.

IV. MONITORING PROGRAM

A. OVERVIEW

The purpose of this program is to ensure that the recommended level for fluoride concentration is maintained in Manitoba's drinking water. All operating systems participated in the monitoring program.

1) Operating Parameters
Manitoba Health identifies an operating range and an optimum level for fluoride concentration in drinking water. The optimum is 1 part per million (ppm) or 1 milligram per litre (mg/L). The operating range for 2003 / 2004 was set at 0.80 ppm as a minimum with 1.20 ppm as a maximum.

Water treatment plant operators are encouraged to maintain fluoride concentrations within the specified range.

Manitoba Health provides a schedule for bi-weekly monitoring periods. A sampling year consists of 26 periods.

2) Supplies
Manitoba Health provides Fluoridation Control Record forms to the plants, to be submitted with the samples. Manitoba Health also provides sampling bottles, fluoride standard solution, spadns (reagent) and shipping containers to the plants, through Enviro-Test Laboratories. All are necessary for daily testing and bi-weekly sample submission.

3) Sample Submission
Samples are collected on a daily basis, tested on-site and results are recorded by the water treatment plant operator. A 14 day composite sample (approximately one litre) is submitted bi-weekly by the community for analysis. A record of chemical feed data (Fluoridation Control Record) is submitted with the sample.

4) Analysis
Enviro-Test Laboratories, located in Winnipeg, receives the samples and conducts the analysis. The results are reported to the individual water treatment plant operators and to Manitoba Health.

5) Monitoring
Manitoba Health monitors the levels, makes recommendations, and provides technical assistance accordingly.

6) Reporting
Communities receive an annual report of their plant's operating record. On a periodic and/or as required basis, reports are provided during the operating year.

B. RESULTS

In 2003 / 2004, out of a possible 1,422 samples, 1,392 bi-weekly samples were received for a submission rate of 98%.

Of the total submitted 1,134 or 81% were within the recommended range for fluoride concentration.

The number of samples found to be above the range was 91, representing 6% of the total.

There were 167 samples found to be below the range representing 12% of all samples submitted.

NOTE: The community of Churchill submitted 22 samples below the recommended range thus affecting the overall percentages noted above. Equipment difficulties existed. Opaskwayak similarly had equipment problems resulting in 19 out of limit samples.

Bi-Weekly Sampling Results Summary 2003 / 2004

Table 2

Town	No. of Samples Within Limits	No. of Samples Above Limits	No. of Samples Below Limits	No. of Samples Submitted	No. of Samples Possible
ALTONA	25	0	0	25	26
AUSTIN	26	0	0	26	26
BALDUR	20	0	6	26	26
BENITO	26	0	0	26	26
BINSCARTH	24	0	2	26	26
BIRTLE	20	6	0	26	26
BOISSEVAIN	26	0	0	26	26
BRANDON	25	0	1	26	26
CARMAN	18	0	8	26	26
CHURCHILL	0	0	22	22	26
CRANBERRY PORTAGE	23	0	1	24	26
CROSS LAKE RESERVE	24	0	0	24	26
DAUPHIN	24	0	1	25	26
DELORAINE	24	0	2	26	26
ERICKSON	17	5	4	26	26
FLIN FLON	22	1	3	26	26
GILBERT PLAINS	7	12	7	26	26
GILLAM	26	0	0	26	26
GIMLI INDUSTRIAL PARK	26	0	0	26	26
GLADSTONE	20	1	5	26	26
GRISWOLD SIOUX VALLEY BAND	6	4	0	10	11
HAMIOTA	25	0	1	26	26
HARTNEY	17	7	2	26	26
KILLARNEY	22	4	0	26	26
LETELLIER	25	0	0	25	26
LONG PLAIN	8	10	8	26	26
MANITOU	25	1	0	26	26
MELITA	9	1	15	25	26
MINNEDOSA	18	4	3	25	26
MORDEN	26	0	0	26	26
MORRIS	20	6	0	26	26
NEEPAWA	14	2	10	26	26
NORWAY HOUSE COMMUNITY COUNCIL	16	0	1	17	26
OPASKWAYAK CREE NATION (OCN)	3	0	19	22	26
PILOT MOUND	21	0	5	26	26
PINAWA	25	0	1	26	26
PORTAGE LA PRAIRIE	22	0	4	26	26
RESTON	25	0	1	26	26
RIVERS	14	7	5	26	26
ROBLIN	25	0	0	25	26
ROSSBURN	21	0	5	26	26
RUSSELL	26	0	0	26	26
SANFORD	26	0	0	26	26
SAPOTAWEYAK	4	0	3	7	7
SHILO	26	0	0	26	26
SNOW LAKE	24	0	2	26	26
SOURIS	11	14	1	26	26
STEINBACH	25	0	0	25	26
STEPHENFIELD	24	2	0	26	26
SWAN RIVER	25	0	1	26	26
THE PAS	25	0	1	26	26
TREHERNE	21	3	1	25	26
VIRDEN	16	0	10	26	26
WABOWDEN	19	1	6	26	26
WINKLER	26	0	0	26	26
WINNIPEG	26	0	0	26	26

C. CERTIFICATES

Manitoba Health annually presents certificates to recognize water treatment plant operators who have maintained a high standard of operating efficiency for a fluoridation system.

To be eligible for a certificate, a plant must be participating for 50% of the sampling year.

For the 2003 / 2004 sampling year this represented 13 periods.

There were 55 plants eligible for the certificates in 2003 / 2004. The Altona plant is not eligible for the certificate program because it is a sampling location only.

1) CERTIFICATE OF EXCELLENCE

The selection criteria are:
A) 100% of bi-weekly samples must be submitted for the sampling year
and
B) 100% of submitted samples must be within the recommended operating range for fluoride concentration

In 2003 / 2004 certificates of excellence were presented to 26 water plant supervisors/operators. This represents 47% of the total number of eligible community fluoridation systems. Allowances are made on the presentation of certificates when justifiable explanations are provided.

2) CERTIFICATE OF COMMENDATION

The selection criteria are:
A) 85% or 22 out of 26 bi-weekly samples must be submitted for the sampling year, and
B) 90% of submitted samples must be within the recommended operating range for fluoride concentration.

In 2003 / 2004 certificates of commendation were presented to 10 water plant supervisors/operators. This represents 18% of the total number of eligible community fluoridation systems. Allowances are made on the presentation of certificates when justifiable explanations are provided.

The total number of certificates presented was 36 out of a possible 55. Thus, 65% of the operators/supervisors were awarded with recognition certificates.

Certificates of Excellence

2003 / 2004 Recipients

Recipient	Plant Location	Operating Authority
Wayne Dueck	ALTONA	City
Steve Stewart	BINSCARTH	IS
Brad McIntosh	BRANDON	Reserve
Bill Brenner	DAUPHIN	Village
Kent Corkish	DELORAINE	PVWC
Richard Bezdietny	GIMLI INDUSTRIAL PARK	Town
Ken Curle	HAMIOTA	Town
Kurt Henry	LETELLIER	Town
Bob Barett	MANITOU	Town
Ron McDowall	PINAWA	Town
Ken Moore	RESTON	Town
Glen Reierson	ROBLIN	Town
Cameron Booth	SNOW LAKE	Town
Jason Hiebert	STEINBACH	Town
Garry Kennedy	SWAN RIVER	Town
Ronald Stewart	THE PAS	Town
Ed Sattler	AUSTIN	Rural Municipality
Rick Kinaschuk	BENITO	Infrastructure Services
Barry Chinner	BOISSEVAIN	Town
John McDonald	GILLAM	Local Government District
Larry Benoit	MORDEN	Town
Mark Moan	RUSSELL	Infrastructure Services
Trevor Richardson	SANFORD	Rural Municipality
Bill Burke	SHILO	CFB
John Schmidt	WINKLER	Town
Frank DeVries	WINNIPEG	City

Certificates of Commendation

2003 / 2004 Recipients

Recipient	Plant Location	Operating Authority
Raymond Lussier	BALDUR	IS
Dennis Bell	CARMAN	Town
Lawrence McLeod	CROSS LAKE RESERVE	Reserve
Kevin Komarnicki	FLIN FLON	City
Wayne Sheridan	GLADSTONE	Town
Richard Dupuis	MORRIS	Town
Doug Campbell	PORTAGE LA PRAIRIE	City
Darrin Gross	STEPHENFIELD	PVWC
Ken Lawrence	TREHERNE	Village
Norm Baxter	VIRDEN	Town

V. INFRASTRUCTURE SERVICES
(Formerly Manitoba Water Services Board)

Infrastructure Services owns and operates a number of treatment facilities across Manitoba and provides water to communities.

In communities currently fluoridating, the Infrastructure Services works cooperatively with Manitoba Health to ensure that the requirements of the fluoridation monitoring system are met.

In communities wishing to fluoridate, the Infrastructure Services works in conjunction with Manitoba Health to assess the water treatment facility design the fluoridation system and coordinate installation and start-up.

Infrastructure Services plant operators are trained by Manitoba Health staff in proper testing, operating and maintenance procedures for their specific fluoridation systems.

VI. SUPPORT SERVICES

Manitoba Health wishes to acknowledge the support received from various groups and government departments which provided assistance with the performance of the Community Water Fluoridation Program:

i. Mayors, Community Councils, Waterworks Chairpersons, Band Councils, and especially water treatment plant operators and supervisors in all locations with community water fluoridation systems in operation.

ii. Infrastructure Services for the cooperative efforts made to ensure Manitoba Health standards were observed in all fluoridating locations.

iii. Enviro-Test Laboratories for the provision of fluoride level analyses, the distribution of reagents, sample bottles and fluoride results to participating communities, the preparation of this report and other administrative services.

iv. Manitoba Conservation for the provision of inspection and surveillance services in water plants, as well as consultation services.

v. Medical Services Branch, Health Canada for the promotion of fluoridation on Manitoba First Nation communities.

vi. Equipment manufacturers and suppliers for assistance with system design, especially Prairie Chem Inc. for promotion services and consultation assistance.

vii. Cochrane Engineering, design consultants, for consulting services.

All of the above individuals and agencies have been instrumental in the provision of this important preventive dental health measure to the citizens of Manitoba.

A special thank you to Helen Browne, administrative assistant, without whom this program would not run so well!

FOR FURTHER INFORMATION REGARDING MANITOBA'S COMMUNITY WATER FLUORIDATION PROGRAM PLEASE CONTACT:

Dr. Bernadette Mellon
Manitoba Health
Public Health Branch
Room 4068
300 Carlton Street
Winnipeg MB R3B 3M9

Telephone: (204) 788-6729
Fax: (204) 948-2040
Email: bdesmarais@gov.mb.ca

VII

FLUORIDE

CONTROL

DATA

2003 / 2004

Manitoba Health Fluoride Monitoring Program

Table 3

Fluoride Control Data Laboratory Results - 2003 / 2004 - Summary

The figures in this table reflect results of the testing of bi-weekly composite samples for fluoride concentration in parts per million

Location / Period Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
ALTONA	1.0	0.9	1.0	1.0	1.0	0.9	0.9	1	1.0	1.0	1	1.0	1.1	1.1	1.2	1.1	1.0	1.2	1.0	1.1	1.0	1.0		1.0	1.0	1.0
AUSTIN	1.0	1.1	0.9	0.9	0.8	1.0	1.0	1	1.0	0.9	1.1	1.0	0.9	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.0
BALDUR	0.7	0.8	0.9	0.8	0.7	0.7	0.6	0.8	1.0	1.0	0.9	1.0	0.9	1.0	1.2	0.9	0.7	0.9	1.0	0.9	0.9	0.8	1.0	0.7	0.8	0.8
BENITO	1.0	0.9	1.0	1.0	1.0	1.0	0.9	1.1	1.0	1.0	1	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	0.9	1.0
BINSCARTH	1.0	0.8	0.9	0.8	1.0	0.8	0.8	1	0.9	0.8	1	1.0	0.9	0.9	0.9	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.8
BIRTLE	1.2	0.9	1.0	1.1	1.0	1.0	1.0	1	1.0	1.0	0.8	0.8	1.0	1.4	1.6	1.7	1.7	1.5	1.6	1.1	1.0	1.0	1.1	1.0	1.0	1.0
BOISSEVAIN	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1	0.9	0.9	1	0.9	0.9	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
BRANDON	1.0	0.9	0.9	1.0	1.0	0.9	0.8	1	1.0	0.9	1	1.0	1.0	1.0	1.2	1.0	1.0	1.2	1.0	1.0	1.0	0.9	1.0	1.0	0.7	1.0
CARMAN	0.7	0.7	0.8	0.8	0.8	0.8	1.1	1	1.0	1.2	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.8	0.7	0.8	0.8	0.5	0.6	0.8
CHURCHILL	0.3	0.3	0.2	0.3	0.3	0.2	0.1	0.3	0.3	0.4	0.4	0.1		0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1			
CRANBERRY PORTAGE	0.8	0.8	0.9	1.1	1.0	0.5		0.9	1.0	0.9	1	0.9	0.9	1.0	1.0		0.9	0.9	0.8	1.0	0.9	0.9	0.9	1.0	1.0	0.9
CROSS LAKE RESERVE			1.1	1.0	1.0	1.1	1.1	1	1.1	1.0	1.1	0.8	1.2	1.1	1.1	1.2	0.9	1.2	1.0	1.1	1.1	1.0	1.1	1.0	1.1	0.8
DAUPHIN	1.0	0.8	0.8	0.8	0.8	0.8	0.8	1	1.0	0.9	1	0.9	0.9	0.9	1.0	1.0	0.9	1.0	0.9		0.9	0.9	0.8	0.7	0.8	0.8
DELORAINE	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1	1.0	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.8	0.9	1.0	1.0	0.8	0.8	0.9	0.6	0.6	0.8
ERICKSON	1.0	0.8	0.9	1.0	1.0	1.0	0.9	0.7	1.0	0.9	1.1	0.8	1.0	1.2	1.3	1.3	0.4	1.4	1.2	1.0	1.1	1.8	1.6	1.0	0.6	0.4
FLIN FLON	0.6	1.3	1.0	1.0	0.7	0.9	1.0	0.9	1.1	1.1	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.1	0.7	1.2	1.1	1.1	0.9	0.8	0.8	1.0
GILBERT PLAINS	0.4	1.5	1.4	1.1	0.5	0.3	1.0	1.5	0.8	0.4	0.4	1.4	1.3	1.0	1.1	1.5	1.3	0.9	1.4	1.8	1.6	1.6	1.2	0.5	0.3	1.4
GILLAM	1.2	0.9	0.9	1.0	1.0	0.8	0.8	0.9	0.9	0.9	1	0.8	0.8	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
GIMLI INDUSTRIAL PARK	1.0	0.9	0.9	1.1	1.0	0.9	1.1	1	1.2	1.0	0.9	1.0	1.2	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.8	1.1	1.0
GLADSTONE	0.8	0.8	0.9	0.9	1.0	0.6	0.8	0.8	0.7	0.7	0.7	0.8	0.8	1.0	1.0	0.9	1.0	1.1	0.9	0.8	1.0	0.8	1.1	0.6	0.8	1.4
GRISWOLD SIOUX VALLEY BAND																1.4	2.2	1.4	1.8		1.1	0.9	1.0	0.8	0.8	0.8
HAMIOTA	0.5	1.1	0.9	0.9	1.0	0.9	0.9	1	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9	1.0	0.9	1.0	0.9	0.9	1.0	1.0	0.8	0.9
HARTNEY	0.6	1.3	1.1	1.0	0.8	0.7	0.8	1.4	1.4	1.2	1.1	0.8	0.8	0.9	0.9	1.5	1.3	1.3	1.1	1.0	0.8	1.1	1.3	1.1	1.0	0.9
KILLARNEY	1.0	1.1	0.9	0.8	0.8	1.0	1.2	1.1	1.3	1.1	1.1	1.0	0.9	1.0	1.0	1.0	1.1	1.3	1.4	1.3	1.1	1.0	1.0	1.0	1.1	1.2
LETELLIER	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1	1.0	1.0	1	1.0	1.0	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0		1.0	1.0	1.0
LONG PLAIN	0.7	0.6	0.6	0.6	0.6	1.1	1.0	1.2	1.0	0.9	1.6	1.6	1.1	1.3	1.6	2.5	3.0	2.2	3.9	3.5	4.7	1.2	0.7	0.7	0.9	0.7
MANITOU	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.0	1.1	1.1	1.0	1.3	1.2	1.2	1.0	1.0	1.2	1.1	1.0	1.2	1.1	1.0	1.0	1.0
MELITA	0.6	0.9	1.3	0.7	0.6	0.6		1	0.8	0.9	0.9	0.6	0.5	0.5	0.6	0.7	0.8	0.8	0.7	0.7	0.6	0.7	0.8	0.7	0.8	0.7
MINNEDOSA	1.0	0.9	0.8		0.6	1.5	1.7	1.4	1.6	0.9	0.8	0.9	0.8	0.9	1.0	0.9	0.9	1.0	0.9	0.9	0.8	0.9	0.9	0.7	0.7	0.8
MORDEN	0.9	0.9	0.8	0.9	0.8	1.0	1.0	1	1.0	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.0	1.0	0.8	0.8	0.8
MORRIS	1.1	0.9	1.1	1.2	1.1	1.1	1.2	1.3	1.0	1.2	1.3	1.3	1.1	1.3	1.3	1.3	1.0	1.0	1.1	1.0	0.9	1.1	1.2	1.0	1.0	1.1

Manitoba Health Fluoride Monitoring Program

Fluoride Control Data Laboratory Results - 2003 / 2004 - Summary

Table 3

The figures in this table reflect results of the testing of bi-weekly composite samples for fluoride concentration in parts per million

Location / Period Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
NEEPAWA	0.7	0.9	0.7	0.8	0.7	0.8	1.0	1.5	1.0	1.2	1.5	0.9	0.8	1.2	0.7	1.0	0.9	0.7	1.0	0.7	0.7	0.8	1.0	0.5	0.7	0.7
NORWAY HOUSE COMMUNITY COUNCIL		1.0	0.9		0.6		0.9	0.9	1.0	1.0							1.0	1.0	0.8	1.0	1.0	1.0	0.8	1.0	0.8	0.8
OPASKWAYAK CREE NATION (OCN)		0.5	0.7	0.6	0.6	0.6	0.5	0.6	1.0	0.8	0.6	0.4	0.7	0.8	0.6	0.5	0.4	0.4	0.4			0.4		0.3	0.3	0.3
PILOT MOUND	0.7	0.7	0.7	0.7	1.0	0.8	1.0	1	1.0	0.9	1.1	1.0	0.9	1.2	1.1	1.0	1.0	1.1	0.8	1.1	0.9	0.8	1.0	0.7	0.8	0.8
PINAWA	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	0.9	1.2	1.0	1.0	1.0	0.7	1.0	1.1	1.0	1.2	1.0	1.0	1.1	0.8	0.9	0.9
PORTAGE LA PRAIRIE	0.8	1.0	0.8	0.6	0.8	1.0	0.9	1	1.0	1.0	1.1	0.5	1.0	1.1	1.2	1.1	1.0	1.2	1.0	1.0	1.1	0.9	0.7	0.7	1.0	1.2
RESTON	1.0	0.9	1.0	1.1	1.0	0.7	1.0	1	1.1	1.0	1.2	1.0	0.8	1.0	0.8	0.9	0.9	0.9	0.9	1.0	1.0	0.9	1.0	0.8	1.0	0.9
RIVERS	0.7	1.0	0.9	0.9	1.0	0.7	1.5	1.5	0.6	0.6	1.3	0.7	0.8	1.3	1.9	1.6	0.9	1.2	1.5	0.8	0.9	0.9	1.1	1.0	1.1	1.0
ROBLIN	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	0.9	1.0	1	1.0	1.0	1.1		1.1	1.0	1.1	1.0	1.1	1.1	0.9	1.1	1.0	1.0	0.9
ROSSBURN	0.7	0.8	1.0	1.0	1.0	0.8	0.8	1	0.9	1.0	0.8	0.6	0.6	0.7	1.0	1.0	0.9	0.9	0.8	0.6	0.9	1.1	0.8	0.8	0.8	0.9
RUSSELL	1.0	0.9	0.8	0.9	0.8	0.9	0.8	1	0.9	1.0	0.9	0.9	1.0	1.0	0.9	1.1	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.8	0.9
SANFORD	0.9	0.9	0.9	0.8	0.9	1.0	0.8	1	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.8	1.0	0.8	0.9
SAPOTAWEYAK																				1.0	0.7	0.8	0.9	1.0	0.6	0.7
SHILO	0.8	0.8	0.9	0.9	0.8	0.8	0.8	1	0.8	1.0	1	1.0	1.0	1.0	1.1	0.9	0.9	1.0	1.1	1.1	1.1	1.0	1.1	0.8	1.0	1.1
SNOW LAKE	1.0	0.9	0.7	0.9	1.0	1.0	1.0	1.1	1.2	1.1	1	1.0	0.8	1.0	1.0	1.2	1.1	0.9	1.0	1.0	1.0	0.9	1.0	0.8	0.7	0.8
SOURIS	1.2	1.5	2.0	1.1	1.1	1.4	1.0	1.9	2.2	2.0	2.1	3.2	4.2	1.6	1.0	1.3	1.3	1.3	1.1	1.0	0.8	0.6	1.4	1.0	1.0	1.1
STEINBACH	0.9	0.9	0.9	0.9	0.9	1.0	0.9	1	0.9	1.0	1	1.0	1.1	1.0	1.0	1.0		1.0	1.0	0.9	1.0	1.0	1.0	0.8	0.8	0.8
STEPHENFIELD	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.2	1.1	1.1	1.3	1.2	1.3	1.2	1.1	1.0	1.0	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.2
SWAN RIVER	0.8	0.8	0.8	1.0	0.8	0.7	1.0	0.8	1.0	0.9	0.8	0.8	0.9	1.0	0.8	1.0	0.9	0.9	0.9	0.9	1.0	0.9	1.0	0.8	0.8	0.9
THE PAS	0.9	0.9	0.8	1.1	1.1	1.0	1.0	1.2	1.2	0.9	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.0	1.1	1.1	1.0	0.7	0.9	1.0
TREHERNE	1.0	1.0	1.0	1.2	1.3	1.0	1.0	1	0.9	1.0	1	1.0	0.9		1.3	1.0	1.1	0.9	0.9	1.6	0.6	0.8	0.8	0.8	0.9	1.0
VIRDEN	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.7	1.0	0.9	0.9	0.7	0.7	0.8	0.8	0.7	0.9	0.9	0.8	0.7	0.8	0.9	1.0	0.8	0.8	0.9
WAPOWDEN	0.8	0.8	1.0	0.5	0.7	0.9	1.0	1	1.1	0.9	0.6	0.4	0.4	0.8	1.0	0.9	1.1	0.9	1.0	1.2	1.3	1.1	1.0	0.6	1.0	1.0
WINKLER	0.9	0.9	0.9	0.9	1.0	1.0	0.8	1	1.1	1.0	1	1.0	1.0	1.1	1.2	1.0	1.1	1.0	0.9	1.0	1.0	0.9	1.0	0.8	1.0	1.0
WINNIPEG	0.8	0.9	0.8	0.9	0.8	0.8	0.8	1	0.9	0.9	0.9	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9

FLUORIDATION CONTROL DATA - KEY

All figures reported are recorded in parts per million (ppm) or milligrams per litre (mg/L).

COMPOSITE (LAB)
Fluoride level analysis conducted by Enviro-Test Laboratories on the bi-weekly composite sample submitted by the water plant operator.

COMPOSITE (OPERATOR)
Fluoride level analysis conducted and reported by the water treatment plant operator on the bi-weekly sample before it is submitted to Enviro-Test Laboratories.

NOTE: If "NOT AVAILABLE" appears in any column, it indicates that data is not available due to one of the following reasons:

- sample not submitted
- sample broken in transit
- information not provided
- sample was contaminated

Fluoride Control Data 2003 / 2004

LOCATION ALTONA	FLUORIDATOR NIL
OPERATOR Wayne Dueck	CHEMICAL H2SiF6 25 %
PHONE 324-6439	NATURAL FLUORIDE 0.29

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	NOT AVAILABLE
2	APR 5 - APR 18	0.9	NOT AVAILABLE
3	APR 19 - MAY 2	1.0	NOT AVAILABLE
4	MAY 3 - MAY 16	1.0	NOT AVAILABLE
5	MAY 17 - MAY 30	1.0	NOT AVAILABLE
6	MAY 31 - JUN 13	0.9	NOT AVAILABLE
7	JUN 14 - JUN 27	0.9	NOT AVAILABLE
8	JUN 28 - JUL 11	1.0	NOT AVAILABLE
9	JUL 12 - JUL 25	1.0	NOT AVAILABLE
10	JUL 26 - AUG 8	1.0	NOT AVAILABLE
11	AUG 9 - AUG 22	1.0	NOT AVAILABLE
12	AUG 23 - SEP 5	1.0	NOT AVAILABLE
13	SEP 6 - SEP 19	1.1	NOT AVAILABLE
14	SEP 20 - OCT 3	1.1	NOT AVAILABLE
15	OCT 4 - OCT 17	1.2	NOT AVAILABLE
16	OCT 18 - OCT 31	1.1	NOT AVAILABLE
17	NOV 1 - NOV 14	1.0	NOT AVAILABLE
18	NOV 15 - NOV 28	1.2	NOT AVAILABLE
19	NOV 29 - DEC 12	1.0	NOT AVAILABLE
20	DEC 13 - DEC 26	1.1	NOT AVAILABLE
21	DEC 27 - JAN 9	1.0	NOT AVAILABLE
22	JAN 10 - JAN 23	1.0	NOT AVAILABLE
23	JAN 24 - FEB 6	NOT AVAILABLE	NOT AVAILABLE
24	FEB 7 - FEB 20	1.0	NOT AVAILABLE
25	FEB 21 - MAR 5	1.0	NOT AVAILABLE
26	MAR 6 - MAR 19	1.0	NOT AVAILABLE

Summary for ALTONA

Average	1.0
Minimum	0.9
Maximum	1.2
Samples Above Limit	0
Samples Below Limits	0
% Outside Limits:	0%
Number of Samples	25

Fluoride Control Data 2003 / 2004

LOCATION	AUSTIN	FLUORIDATOR	LMI A151
OPERATOR	Ed Sattler	CHEMICAL	NaF 4 %
PHONE	637-2101	NATURAL FLUORIDE	0.19

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.06
2	APR 5 - APR 18	1.1	1.26
3	APR 19 - MAY 2	0.9	1.14
4	MAY 3 - MAY 16	0.9	1.10
5	MAY 17 - MAY 30	0.8	1.00
6	MAY 31 - JUN 13	1.0	0.90
7	JUN 14 - JUN 27	1.0	1.10
8	JUN 28 - JUL 11	1.0	1.16
9	JUL 12 - JUL 25	1.0	1.00
10	JUL 26 - AUG 8	0.9	0.92
11	AUG 9 - AUG 22	1.1	1.16
12	AUG 23 - SEP 5	1.0	1.02
13	SEP 6 - SEP 19	0.9	1.00
14	SEP 20 - OCT 3	1.0	1.06
15	OCT 4 - OCT 17	1.1	0.97
16	OCT 18 - OCT 31	1.0	0.99
17	NOV 1 - NOV 14	1.0	0.87
18	NOV 15 - NOV 28	1.0	1.03
19	NOV 29 - DEC 12	1.0	1.07
20	DEC 13 - DEC 26	1.0	0.84
21	DEC 27 - JAN 9	1.1	1.04
22	JAN 10 - JAN 23	1.0	1.08
23	JAN 24 - FEB 6	1.1	1.07
24	FEB 7 - FEB 20	1.1	1.17
25	FEB 21 - MAR 5	1.0	1.00
26	MAR 6 - MAR 19	1.0	1.04

Summary for AUSTIN		
Average	1.0	1.04
Minimum	0.8	0.84
Maximum	1.1	1.26
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	BALDUR	FLUORIDATOR	LMI A151
OPERATOR	Raymond Lussier	CHEMICAL	NaF 4 %
PHONE	535-2047	NATURAL FLUORIDE	0.22

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	0.87
2	APR 5 - APR 18	0.8	0.94
3	APR 19 - MAY 2	0.9	0.95
4	MAY 3 - MAY 16	0.8	0.95
5	MAY 17 - MAY 30	0.7	0.87
6	MAY 31 - JUN 13	0.7	0.82
7	JUN 14 - JUN 27	0.6	0.83
8	JUN 28 - JUL 11	0.8	0.86
9	JUL 12 - JUL 25	1.0	0.78
10	JUL 26 - AUG 8	1.0	1.08
11	AUG 9 - AUG 22	0.9	1.00
12	AUG 23 - SEP 5	1.0	1.06
13	SEP 6 - SEP 19	0.9	0.93
14	SEP 20 - OCT 3	1.0	1.01
15	OCT 4 - OCT 17	1.2	1.20
16	OCT 18 - OCT 31	0.9	0.94
17	NOV 1 - NOV 14	0.7	0.92
18	NOV 15 - NOV 28	0.9	0.90
19	NOV 29 - DEC 12	1.0	0.91
20	DEC 13 - DEC 26	0.9	0.98
21	DEC 27 - JAN 9	0.9	0.93
22	JAN 10 - JAN 23	0.8	0.94
23	JAN 24 - FEB 6	1.0	0.97
24	FEB 7 - FEB 20	0.7	0.85
25	FEB 21 - MAR 5	0.8	0.95
26	MAR 6 - MAR 19	0.8	1.06

Summary for BALDUR		
Average	0.9	0.94
Minimum	0.6	0.78
Maximum	1.2	1.20
Samples Above Limit	0	
Samples Below Limits	6	
% Outside Limits:	23%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION BENITO
OPERATOR Rick Kinaschuk
PHONE 539-2229

FLUORIDATOR LMI A151
CHEMICAL NaF 4 %
NATURAL FLUORIDE 0.3

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.00
2	APR 5 - APR 18	0.9	1.00
3	APR 19 - MAY 2	1.0	1.00
4	MAY 3 - MAY 16	1.0	1.00
5	MAY 17 - MAY 30	1.0	1.00
6	MAY 31 - JUN 13	1.0	1.00
7	JUN 14 - JUN 27	0.9	1.00
8	JUN 28 - JUL 11	1.1	1.00
9	JUL 12 - JUL 25	1.0	1.00
10	JUL 26 - AUG 8	1.0	1.10
11	AUG 9 - AUG 22	1.0	1.00
12	AUG 23 - SEP 5	1.1	1.00
13	SEP 6 - SEP 19	1.0	1.00
14	SEP 20 - OCT 3	1.1	1.00
15	OCT 4 - OCT 17	1.0	0.90
16	OCT 18 - OCT 31	1.0	0.90
17	NOV 1 - NOV 14	1.0	1.00
18	NOV 15 - NOV 28	1.1	1.00
19	NOV 29 - DEC 12	1.0	1.00
20	DEC 13 - DEC 26	1.0	0.90
21	DEC 27 - JAN 9	1.0	0.90
22	JAN 10 - JAN 23	1.0	1.00
23	JAN 24 - FEB 6	1.1	1.00
24	FEB 7 - FEB 20	1.0	1.10
25	FEB 21 - MAR 5	0.9	1.00
26	MAR 6 - MAR 19	1.0	1.00

Summary for BENITO		
Average	1.0	0.99
Minimum	0.9	0.90
Maximum	1.1	1.10
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	BINSCARTH	FLUORIDATOR	Prom Gamma
OPERATOR	Steve Stewart	CHEMICAL	H2SiF6 25 %
PHONE	532-2165	NATURAL FLUORIDE	0.24

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.10
2	APR 5 - APR 18	0.8	1.05
3	APR 19 - MAY 2	0.9	1.16
4	MAY 3 - MAY 16	0.8	1.03
5	MAY 17 - MAY 30	1.0	0.95
6	MAY 31 - JUN 13	0.8	1.02
7	JUN 14 - JUN 27	0.8	1.12
8	JUN 28 - JUL 11	1.0	1.02
9	JUL 12 - JUL 25	0.9	1.02
10	JUL 26 - AUG 8	0.8	0.96
11	AUG 9 - AUG 22	1.0	0.90
12	AUG 23 - SEP 5	1.0	0.92
13	SEP 6 - SEP 19	0.9	0.91
14	SEP 20 - OCT 3	0.9	0.98
15	OCT 4 - OCT 17	0.9	0.96
16	OCT 18 - OCT 31	1.0	0.84
17	NOV 1 - NOV 14	0.8	0.97
18	NOV 15 - NOV 28	0.8	1.00
19	NOV 29 - DEC 12	0.8	1.11
20	DEC 13 - DEC 26	0.8	0.93
21	DEC 27 - JAN 9	0.8	0.85
22	JAN 10 - JAN 23	0.8	0.95
23	JAN 24 - FEB 6	0.8	1.01
24	FEB 7 - FEB 20	0.7	0.90
25	FEB 21 - MAR 5	0.7	1.02
26	MAR 6 - MAR 19	0.8	0.95

Summary for BINSCARTH		
Average	0.9	0.99
Minimum	0.7	0.84
Maximum	1.0	1.16
Samples Above Limit	0	
Samples Below Limits	2	
% Outside Limits:	8%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION BIRTLE
OPERATOR Darwin Fleury
PHONE 842-5311

FLUORIDATOR LMI A741
CHEMICAL NaF 4 %
NATURAL FLUORIDE 0.26

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.2	1.35
2	APR 5 - APR 18	0.9	1.55
3	APR 19 - MAY 2	1.0	1.38
4	MAY 3 - MAY 16	1.1	1.66
5	MAY 17 - MAY 30	1.0	1.40
6	MAY 31 - JUN 13	1.0	1.61
7	JUN 14 - JUN 27	1.0	1.42
8	JUN 28 - JUL 11	1.0	1.40
9	JUL 12 - JUL 25	1.0	1.53
10	JUL 26 - AUG 8	1.0	1.33
11	AUG 9 - AUG 22	0.8	1.19
12	AUG 23 - SEP 5	0.8	1.06
13	SEP 6 - SEP 19	1.0	NOT AVAILABLE
14	SEP 20 - OCT 3	1.4	1.34
15	OCT 4 - OCT 17	1.6	1.46
16	OCT 18 - OCT 31	1.7	1.52
17	NOV 1 - NOV 14	1.7	1.60
18	NOV 15 - NOV 28	1.5	1.43
19	NOV 29 - DEC 12	1.6	1.55
20	DEC 13 - DEC 26	1.1	1.33
21	DEC 27 - JAN 9	1.0	1.37
22	JAN 10 - JAN 23	1.0	1.43
23	JAN 24 - FEB 6	1.1	1.02
24	FEB 7 - FEB 20	1.0	1.47
25	FEB 21 - MAR 5	1.0	1.30
26	MAR 6 - MAR 19	1.0	NOT AVAILABLE

Summary for BIRTLE		
Average	1.1	1.40
Minimum	0.8	1.02
Maximum	1.7	1.66
Samples Above Limit	6	
Samples Below Limits	0	
% Outside Limits:	23%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	BOISSEVAIN	FLUORIDATOR	Precision
OPERATOR	Barry Chinner	CHEMICAL	NaF 4 %
PHONE	534-6762	NATURAL FLUORIDE	0.2

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.9	1.06
2	APR 5 - APR 18	0.9	1.01
3	APR 19 - MAY 2	0.9	0.99
4	MAY 3 - MAY 16	0.9	1.12
5	MAY 17 - MAY 30	0.9	1.06
6	MAY 31 - JUN 13	0.9	1.33
7	JUN 14 - JUN 27	0.9	1.13
8	JUN 28 - JUL 11	1.0	1.01
9	JUL 12 - JUL 25	0.9	1.07
10	JUL 26 - AUG 8	0.9	1.09
11	AUG 9 - AUG 22	1.0	1.17
12	AUG 23 - SEP 5	0.9	1.04
13	SEP 6 - SEP 19	0.9	1.05
14	SEP 20 - OCT 3	1.0	1.07
15	OCT 4 - OCT 17	1.0	0.99
16	OCT 18 - OCT 31	1.0	1.17
17	NOV 1 - NOV 14	0.8	1.01
18	NOV 15 - NOV 28	1.0	1.14
19	NOV 29 - DEC 12	1.0	1.08
20	DEC 13 - DEC 26	1.0	1.08
21	DEC 27 - JAN 9	1.0	1.02
22	JAN 10 - JAN 23	1.0	0.99
23	JAN 24 - FEB 6	1.0	1.09
24	FEB 7 - FEB 20	1.0	1.06
25	FEB 21 - MAR 5	1.0	1.10
26	MAR 6 - MAR 19	1.0	1.12

Summary for BOISSEVAIN		
Average	1.0	1.08
Minimum	0.8	0.99
Maximum	1.0	1.33
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	BRANDON	FLUORIDATOR	W&T A690
OPERATOR	Brad McIntosh	CHEMICAL	Na2SiF6 (Dry)
PHONE	729-2274	NATURAL FLUORIDE	0.2

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.00
2	APR 5 - APR 18	0.9	0.91
3	APR 19 - MAY 2	0.9	0.92
4	MAY 3 - MAY 16	1.0	0.97
5	MAY 17 - MAY 30	1.0	0.76
6	MAY 31 - JUN 13	0.9	1.04
7	JUN 14 - JUN 27	0.8	1.02
8	JUN 28 - JUL 11	1.0	1.07
9	JUL 12 - JUL 25	1.0	0.93
10	JUL 26 - AUG 8	0.9	1.07
11	AUG 9 - AUG 22	1.0	1.20
12	AUG 23 - SEP 5	1.0	0.96
13	SEP 6 - SEP 19	1.0	1.14
14	SEP 20 - OCT 3	1.0	1.12
15	OCT 4 - OCT 17	1.2	1.06
16	OCT 18 - OCT 31	1.0	0.90
17	NOV 1 - NOV 14	1.0	1.18
18	NOV 15 - NOV 28	1.2	1.00
19	NOV 29 - DEC 12	1.0	1.04
20	DEC 13 - DEC 26	1.0	1.02
21	DEC 27 - JAN 9	1.0	0.98
22	JAN 10 - JAN 23	0.9	1.10
23	JAN 24 - FEB 6	1.0	1.12
24	FEB 7 - FEB 20	1.0	1.09
25	FEB 21 - MAR 5	0.7	0.65
26	MAR 6 - MAR 19	1.0	1.13

Summary for BRANDON		
Average	1.0	1.01
Minimum	0.7	0.65
Maximum	1.2	1.20
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION CARMAN	FLUORIDATOR W&T 47-050
OPERATOR Dennis Bell	CHEMICAL H2SiF6 25 %
PHONE 745-2481	NATURAL FLUORIDE 0.21

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	0.87
2	APR 5 - APR 18	0.7	0.85
3	APR 19 - MAY 2	0.8	1.02
4	MAY 3 - MAY 16	0.8	0.90
5	MAY 17 - MAY 30	0.8	0.94
6	MAY 31 - JUN 13	0.8	0.99
7	JUN 14 - JUN 27	1.1	1.17
8	JUN 28 - JUL 11	1.0	1.12
9	JUL 12 - JUL 25	1.0	0.94
10	JUL 26 - AUG 8	1.2	1.10
11	AUG 9 - AUG 22	0.9	1.06
12	AUG 23 - SEP 5	1.0	1.07
13	SEP 6 - SEP 19	1.0	1.00
14	SEP 20 - OCT 3	1.0	1.14
15	OCT 4 - OCT 17	1.0	0.89
16	OCT 18 - OCT 31	1.0	0.94
17	NOV 1 - NOV 14	0.7	0.93
18	NOV 15 - NOV 28	0.7	0.76
19	NOV 29 - DEC 12	0.7	0.88
20	DEC 13 - DEC 26	0.8	1.06
21	DEC 27 - JAN 9	0.7	0.86
22	JAN 10 - JAN 23	0.8	0.97
23	JAN 24 - FEB 6	0.8	0.96
24	FEB 7 - FEB 20	0.5	0.86
25	FEB 21 - MAR 5	0.6	0.99
26	MAR 6 - MAR 19	0.8	0.90

Summary for CARMAN		
Average	0.8	0.97
Minimum	0.5	0.76
Maximum	1.2	1.17
Samples Above Limit	0	
Samples Below Limits	8	
% Outside Limits:	31%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION CHURCHILL
OPERATOR William Ayotte
PHONE 675-8871

FLUORIDATOR Prom Gamma
CHEMICAL H2SiF6 25 %
NATURAL FLUORIDE < 0.10

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.3	0.59
2	APR 5 - APR 18	0.3	0.54
3	APR 19 - MAY 2	0.2	0.51
4	MAY 3 - MAY 16	0.3	0.60
5	MAY 17 - MAY 30	0.3	0.62
6	MAY 31 - JUN 13	0.2	0.58
7	JUN 14 - JUN 27	0.1	0.39
8	JUN 28 - JUL 11	0.3	0.50
9	JUL 12 - JUL 25	0.3	0.71
10	JUL 26 - AUG 8	0.4	0.66
11	AUG 9 - AUG 22	0.4	0.66
12	AUG 23 - SEP 5	0.1	0.41
13	SEP 6 - SEP 19	NOT AVAILABLE	0.36
14	SEP 20 - OCT 3	0.2	0.36
15	OCT 4 - OCT 17	0.2	0.44
16	OCT 18 - OCT 31	0.1	0.42
17	NOV 1 - NOV 14	0.2	0.36
18	NOV 15 - NOV 28	0.1	0.40
19	NOV 29 - DEC 12	0.1	0.37
20	DEC 13 - DEC 26	0.1	0.37
21	DEC 27 - JAN 9	0.2	0.40
22	JAN 10 - JAN 23	0.1	0.44
23	JAN 24 - FEB 6	0.1	0.70
24	FEB 7 - FEB 20	NOT AVAILABLE	0.68
25	FEB 21 - MAR 5	NOT AVAILABLE	0.45
26	MAR 6 - MAR 19	NOT AVAILABLE	0.73

Summary for CHURCHILL

Average	0.2	0.51
Minimum	0.1	0.36
Maximum	0.4	0.73
Samples Above Limit	0	
Samples Below Limits	22	
% Outside Limits:	100%	
Number of Samples	22	

Fluoride Control Data 2003 / 2004

LOCATION	CRANBERRY PORTAGE	FLUORIDATOR	LMI A151
OPERATOR	Darcy Rajczakowski	CHEMICAL	NaF 4 %
PHONE	472-3621	NATURAL FLUORIDE	< 0.10

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.8	0.92
2	APR 5 - APR 18	0.8	0.75
3	APR 19 - MAY 2	0.9	1.13
4	MAY 3 - MAY 16	1.1	NOT AVAILABLE
5	MAY 17 - MAY 30	1.0	NOT AVAILABLE
6	MAY 31 - JUN 13	0.5	NOT AVAILABLE
7	JUN 14 - JUN 27	NOT AVAILABLE	NOT AVAILABLE
8	JUN 28 - JUL 11	0.9	NOT AVAILABLE
9	JUL 12 - JUL 25	1.0	NOT AVAILABLE
10	JUL 26 - AUG 8	0.9	0.98
11	AUG 9 - AUG 22	1.0	NOT AVAILABLE
12	AUG 23 - SEP 5	0.9	1.04
13	SEP 6 - SEP 19	0.9	NOT AVAILABLE
14	SEP 20 - OCT 3	1.0	1.06
15	OCT 4 - OCT 17	1.0	1.03
16	OCT 18 - OCT 31	NOT AVAILABLE	NOT AVAILABLE
17	NOV 1 - NOV 14	0.9	1.10
18	NOV 15 - NOV 28	0.9	1.04
19	NOV 29 - DEC 12	0.8	0.96
20	DEC 13 - DEC 26	1.0	1.06
21	DEC 27 - JAN 9	0.9	0.94
22	JAN 10 - JAN 23	0.9	NOT AVAILABLE
23	JAN 24 - FEB 6	0.9	1.05
24	FEB 7 - FEB 20	1.0	1.05
25	FEB 21 - MAR 5	1.0	1.06
26	MAR 6 - MAR 19	0.9	0.98

Summary for CRANBERRY PORTAGE		
Average	0.9	1.01
Minimum	0.5	0.75
Maximum	1.1	1.13
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	24	

Fluoride Control Data 2003 / 2004

LOCATION	CROSS LAKE RESERVE	FLUORIDATOR	LMI Saturator
OPERATOR	Lawrence McLeod	CHEMICAL	NaF 4 %
PHONE	676-2044	NATURAL FLUORIDE	< 0.10

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	NOT AVAILABLE	NOT AVAILABLE
2	APR 5 - APR 18	NOT AVAILABLE	NOT AVAILABLE
3	APR 19 - MAY 2	1.1	0.90
4	MAY 3 - MAY 16	1.0	1.00
5	MAY 17 - MAY 30	1.0	0.80
6	MAY 31 - JUN 13	1.1	0.80
7	JUN 14 - JUN 27	1.1	1.10
8	JUN 28 - JUL 11	1.0	1.00
9	JUL 12 - JUL 25	1.1	0.90
10	JUL 26 - AUG 8	1.0	1.10
11	AUG 9 - AUG 22	1.1	1.20
12	AUG 23 - SEP 5	0.8	0.70
13	SEP 6 - SEP 19	1.2	1.20
14	SEP 20 - OCT 3	1.1	0.90
15	OCT 4 - OCT 17	1.1	0.90
16	OCT 18 - OCT 31	1.2	0.90
17	NOV 1 - NOV 14	0.9	NOT AVAILABLE
18	NOV 15 - NOV 28	1.2	NOT AVAILABLE
19	NOV 29 - DEC 12	1.0	0.90
20	DEC 13 - DEC 26	1.1	0.90
21	DEC 27 - JAN 9	1.1	1.10
22	JAN 10 - JAN 23	1.0	0.90
23	JAN 24 - FEB 6	1.1	0.80
24	FEB 7 - FEB 20	1.0	NOT AVAILABLE
25	FEB 21 - MAR 5	1.1	1.20
26	MAR 6 - MAR 19	0.8	0.90

Summary for CROSS LAKE RESERVE

Average	1.1	0.96
Minimum	0.8	0.70
Maximum	1.2	1.20
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	24	

Fluoride Control Data 2003 / 2004

LOCATION	DAUPHIN	FLUORIDATOR	W&T A690 Pa
OPERATOR	Bill Brenner	CHEMICAL	H2SiF6 25 %
PHONE	638-3690	NATURAL FLUORIDE	0.14

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.00
2	APR 5 - APR 18	0.8	1.00
3	APR 19 - MAY 2	0.8	NOT AVAILABLE
4	MAY 3 - MAY 16	0.8	0.80
5	MAY 17 - MAY 30	0.8	1.17
6	MAY 31 - JUN 13	0.8	0.96
7	JUN 14 - JUN 27	0.8	0.98
8	JUN 28 - JUL 11	1.0	0.82
9	JUL 12 - JUL 25	1.0	1.05
10	JUL 26 - AUG 8	0.9	0.97
11	AUG 9 - AUG 22	1.0	1.03
12	AUG 23 - SEP 5	0.9	0.94
13	SEP 6 - SEP 19	0.9	0.93
14	SEP 20 - OCT 3	0.9	0.98
15	OCT 4 - OCT 17	1.0	0.99
16	OCT 18 - OCT 31	1.0	1.00
17	NOV 1 - NOV 14	0.9	1.07
18	NOV 15 - NOV 28	1.0	0.98
19	NOV 29 - DEC 12	0.9	0.98
20	DEC 13 - DEC 26	NOT AVAILABLE	NOT AVAILABLE
21	DEC 27 - JAN 9	0.9	1.04
22	JAN 10 - JAN 23	0.9	1.00
23	JAN 24 - FEB 6	0.8	1.06
24	FEB 7 - FEB 20	0.7	1.02
25	FEB 21 - MAR 5	0.8	1.07
26	MAR 6 - MAR 19	0.8	1.05

Summary for DAUPHIN		
Average	0.9	1.00
Minimum	0.7	0.80
Maximum	1.0	1.17
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	25	

Fluoride Control Data 2003 / 2004

LOCATION	DELORAINE	FLUORIDATOR	LMI Saturator
OPERATOR	Kent Corkish	CHEMICAL	NaF 4 %
PHONE	747-2062	NATURAL FLUORIDE	0.16

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	0.97
2	APR 5 - APR 18	0.9	1.01
3	APR 19 - MAY 2	0.9	0.97
4	MAY 3 - MAY 16	1.0	0.97
5	MAY 17 - MAY 30	1.0	1.05
6	MAY 31 - JUN 13	1.0	1.03
7	JUN 14 - JUN 27	1.0	0.97
8	JUN 28 - JUL 11	1.0	1.03
9	JUL 12 - JUL 25	1.0	1.14
10	JUL 26 - AUG 8	0.9	1.07
11	AUG 9 - AUG 22	0.9	1.05
12	AUG 23 - SEP 5	0.9	0.94
13	SEP 6 - SEP 19	0.9	0.98
14	SEP 20 - OCT 3	1.0	1.04
15	OCT 4 - OCT 17	1.0	1.15
16	OCT 18 - OCT 31	0.9	1.06
17	NOV 1 - NOV 14	0.8	1.06
18	NOV 15 - NOV 28	0.9	1.07
19	NOV 29 - DEC 12	1.0	1.21
20	DEC 13 - DEC 26	1.0	1.11
21	DEC 27 - JAN 9	0.8	1.05
22	JAN 10 - JAN 23	0.8	1.04
23	JAN 24 - FEB 6	0.9	1.08
24	FEB 7 - FEB 20	0.6	1.01
25	FEB 21 - MAR 5	0.6	0.98
26	MAR 6 - MAR 19	0.8	1.08

Summary for DELORAINE		
Average	0.9	1.04
Minimum	0.6	0.94
Maximum	1.0	1.21
Samples Above Limit	0	
Samples Below Limits	2	
% Outside Limits:	8%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	ERICKSON	FLUORIDATOR	LMI A151
OPERATOR	Ken Podruski	CHEMICAL	NaF 4 %
PHONE	636-2971	NATURAL FLUORIDE	0.23

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.12
2	APR 5 - APR 18	0.8	1.02
3	APR 19 - MAY 2	0.9	0.95
4	MAY 3 - MAY 16	1.0	1.01
5	MAY 17 - MAY 30	1.0	1.01
6	MAY 31 - JUN 13	1.0	1.01
7	JUN 14 - JUN 27	0.9	0.98
8	JUN 28 - JUL 11	0.7	0.98
9	JUL 12 - JUL 25	1.0	1.01
10	JUL 26 - AUG 8	0.9	1.00
11	AUG 9 - AUG 22	1.1	1.12
12	AUG 23 - SEP 5	0.8	0.99
13	SEP 6 - SEP 19	1.0	1.06
14	SEP 20 - OCT 3	1.2	1.04
15	OCT 4 - OCT 17	1.3	1.02
16	OCT 18 - OCT 31	1.3	1.10
17	NOV 1 - NOV 14	0.4	1.10
18	NOV 15 - NOV 28	1.4	1.10
19	NOV 29 - DEC 12	1.2	1.08
20	DEC 13 - DEC 26	1.0	0.98
21	DEC 27 - JAN 9	1.1	0.85
22	JAN 10 - JAN 23	1.8	1.08
23	JAN 24 - FEB 6	1.6	0.99
24	FEB 7 - FEB 20	1.0	1.00
25	FEB 21 - MAR 5	0.6	0.95
26	MAR 6 - MAR 19	0.4	1.10

Summary for ERICKSON		
Average	1.0	1.03
Minimum	0.4	0.85
Maximum	1.8	1.12
Samples Above Limit	5	
Samples Below Limits	4	
% Outside Limits:	35%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	FLIN FLON	FLUORIDATOR	Prominent
OPERATOR	Kevin Komarnicki	CHEMICAL	H2SiF6 25 %
PHONE	687-9772	NATURAL FLUORIDE	< 0.10

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.6	1.02
2	APR 5 - APR 18	1.3	1.02
3	APR 19 - MAY 2	1.0	1.01
4	MAY 3 - MAY 16	1.0	1.04
5	MAY 17 - MAY 30	0.7	0.96
6	MAY 31 - JUN 13	0.9	0.98
7	JUN 14 - JUN 27	1.0	1.04
8	JUN 28 - JUL 11	0.9	1.10
9	JUL 12 - JUL 25	1.1	1.01
10	JUL 26 - AUG 8	1.1	1.04
11	AUG 9 - AUG 22	1.2	1.04
12	AUG 23 - SEP 5	1.0	1.01
13	SEP 6 - SEP 19	1.0	1.03
14	SEP 20 - OCT 3	1.0	0.99
15	OCT 4 - OCT 17	1.0	0.98
16	OCT 18 - OCT 31	1.0	0.99
17	NOV 1 - NOV 14	1.0	0.90
18	NOV 15 - NOV 28	1.1	0.98
19	NOV 29 - DEC 12	0.7	0.90
20	DEC 13 - DEC 26	1.2	0.98
21	DEC 27 - JAN 9	1.1	1.02
22	JAN 10 - JAN 23	1.1	0.94
23	JAN 24 - FEB 6	0.9	0.99
24	FEB 7 - FEB 20	0.8	0.97
25	FEB 21 - MAR 5	0.8	0.74
26	MAR 6 - MAR 19	1.0	0.92

Summary for FLIN FLON		
Average	1.0	0.98
Minimum	0.6	0.74
Maximum	1.3	1.10
Samples Above Limit	1	
Samples Below Limits	3	
% Outside Limits:	15%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	GILBERT PLAINS	FLUORIDATOR	LMI A741
OPERATOR	Lloyd Beckley	CHEMICAL	NaF 4 %
PHONE	548-2149	NATURAL FLUORIDE	0.19

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.4	0.50
2	APR 5 - APR 18	1.5	1.60
3	APR 19 - MAY 2	1.4	1.40
4	MAY 3 - MAY 16	1.1	1.35
5	MAY 17 - MAY 30	0.5	1.05
6	MAY 31 - JUN 13	0.3	0.85
7	JUN 14 - JUN 27	1.0	1.70
8	JUN 28 - JUL 11	1.5	1.45
9	JUL 12 - JUL 25	0.8	1.10
10	JUL 26 - AUG 8	0.4	0.60
11	AUG 9 - AUG 22	0.4	0.70
12	AUG 23 - SEP 5	1.4	0.95
13	SEP 6 - SEP 19	1.3	1.00
14	SEP 20 - OCT 3	1.0	1.15
15	OCT 4 - OCT 17	1.1	0.95
16	OCT 18 - OCT 31	1.5	1.30
17	NOV 1 - NOV 14	1.3	1.20
18	NOV 15 - NOV 28	0.9	0.90
19	NOV 29 - DEC 12	1.4	1.40
20	DEC 13 - DEC 26	1.8	0.14
21	DEC 27 - JAN 9	1.6	1.50
22	JAN 10 - JAN 23	1.6	1.60
23	JAN 24 - FEB 6	1.2	1.35
24	FEB 7 - FEB 20	0.5	0.80
25	FEB 21 - MAR 5	0.3	0.64
26	MAR 6 - MAR 19	1.4	1.65

Summary for GILBERT PLAINS		
Average	1.1	1.11
Minimum	0.3	0.14
Maximum	1.8	1.70
Samples Above Limit	12	
Samples Below Limits	7	
% Outside Limits:	73%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION GILLAM	FLUORIDATOR W&T
OPERATOR John McDonald	CHEMICAL H2SiF6 25 %
PHONE 652-2377	NATURAL FLUORIDE < 0.10

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.2	1.56
2	APR 5 - APR 18	0.9	1.30
3	APR 19 - MAY 2	0.9	1.40
4	MAY 3 - MAY 16	1.0	NOT AVAILABLE
5	MAY 17 - MAY 30	1.0	1.31
6	MAY 31 - JUN 13	0.8	1.16
7	JUN 14 - JUN 27	0.8	1.41
8	JUN 28 - JUL 11	0.9	0.86
9	JUL 12 - JUL 25	0.9	1.10
10	JUL 26 - AUG 8	0.9	1.40
11	AUG 9 - AUG 22	1.0	1.31
12	AUG 23 - SEP 5	0.8	1.53
13	SEP 6 - SEP 19	0.8	1.00
14	SEP 20 - OCT 3	0.8	1.53
15	OCT 4 - OCT 17	1.0	1.15
16	OCT 18 - OCT 31	0.9	1.14
17	NOV 1 - NOV 14	1.0	1.29
18	NOV 15 - NOV 28	1.0	1.11
19	NOV 29 - DEC 12	1.0	1.22
20	DEC 13 - DEC 26	1.0	1.08
21	DEC 27 - JAN 9	1.0	1.08
22	JAN 10 - JAN 23	1.0	1.14
23	JAN 24 - FEB 6	1.0	1.03
24	FEB 7 - FEB 20	1.0	0.87
25	FEB 21 - MAR 5	1.0	1.34
26	MAR 6 - MAR 19	1.0	1.28

Summary for GILLAM		
Average	0.9	1.22
Minimum	0.8	0.86
Maximum	1.2	1.56
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	GIMLI INDUSTRIAL PARK	FLUORIDATOR	W&T A747
OPERATOR	Richard Bezdietny	CHEMICAL	NaF 4 %
PHONE	642-5297	NATURAL FLUORIDE	0.43

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	0.90
2	APR 5 - APR 18	0.9	1.06
3	APR 19 - MAY 2	0.9	1.05
4	MAY 3 - MAY 16	1.1	1.06
5	MAY 17 - MAY 30	1.0	1.08
6	MAY 31 - JUN 13	0.9	1.10
7	JUN 14 - JUN 27	1.1	1.05
8	JUN 28 - JUL 11	1.0	1.03
9	JUL 12 - JUL 25	1.2	1.09
10	JUL 26 - AUG 8	1.0	1.05
11	AUG 9 - AUG 22	0.9	0.97
12	AUG 23 - SEP 5	1.0	1.00
13	SEP 6 - SEP 19	1.2	1.15
14	SEP 20 - OCT 3	1.1	1.03
15	OCT 4 - OCT 17	1.0	0.99
16	OCT 18 - OCT 31	1.0	0.93
17	NOV 1 - NOV 14	1.1	1.02
18	NOV 15 - NOV 28	1.1	1.04
19	NOV 29 - DEC 12	1.1	1.06
20	DEC 13 - DEC 26	1.0	1.04
21	DEC 27 - JAN 9	1.0	1.02
22	JAN 10 - JAN 23	1.0	1.04
23	JAN 24 - FEB 6	0.9	0.97
24	FEB 7 - FEB 20	0.8	1.02
25	FEB 21 - MAR 5	1.1	1.07
26	MAR 6 - MAR 19	1.0	1.05

Summary for GIMLI INDUSTRIAL PARK

Average	1.0	1.03
Minimum	0.8	0.90
Maximum	1.2	1.15
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION GLADSTONE
OPERATOR Wayne Sheridan
PHONE 385-2917

FLUORIDATOR W&T A745
CHEMICAL NaF 4 %
NATURAL FLUORIDE 0.22

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.8	0.99
2	APR 5 - APR 18	0.8	1.01
3	APR 19 - MAY 2	0.9	1.06
4	MAY 3 - MAY 16	0.9	1.10
5	MAY 17 - MAY 30	1.0	1.05
6	MAY 31 - JUN 13	0.6	0.95
7	JUN 14 - JUN 27	0.8	1.11
8	JUN 28 - JUL 11	0.8	1.02
9	JUL 12 - JUL 25	0.7	0.97
10	JUL 26 - AUG 8	0.7	0.95
11	AUG 9 - AUG 22	0.7	0.99
12	AUG 23 - SEP 5	0.8	0.90
13	SEP 6 - SEP 19	0.8	0.98
14	SEP 20 - OCT 3	1.0	0.92
15	OCT 4 - OCT 17	1.0	1.06
16	OCT 18 - OCT 31	0.9	1.03
17	NOV 1 - NOV 14	1.0	1.07
18	NOV 15 - NOV 28	1.1	0.97
19	NOV 29 - DEC 12	0.9	1.04
20	DEC 13 - DEC 26	0.8	1.03
21	DEC 27 - JAN 9	1.0	1.01
22	JAN 10 - JAN 23	0.8	1.03
23	JAN 24 - FEB 6	1.1	1.07
24	FEB 7 - FEB 20	0.6	0.96
25	FEB 21 - MAR 5	0.8	1.07
26	MAR 6 - MAR 19	1.4	1.12

Summary for GLADSTONE		
Average	0.9	1.02
Minimum	0.6	0.90
Maximum	1.4	1.12
Samples Above Limit	1	
Samples Below Limits	5	
% Outside Limits:	23%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	GRISWOLD SIOUX VALLEY BAND	FLUORIDATOR	N/A
OPERATOR	Avin Dowan	CHEMICAL	NaF 4 %
PHONE	855-2690	NATURAL FLUORIDE	0.1

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	NOT AVAILABLE	NOT AVAILABLE
2	APR 5 - APR 18	NOT AVAILABLE	NOT AVAILABLE
3	APR 19 - MAY 2	NOT AVAILABLE	NOT AVAILABLE
4	MAY 3 - MAY 16	NOT AVAILABLE	NOT AVAILABLE
5	MAY 17 - MAY 30	NOT AVAILABLE	NOT AVAILABLE
6	MAY 31 - JUN 13	NOT AVAILABLE	NOT AVAILABLE
7	JUN 14 - JUN 27	NOT AVAILABLE	NOT AVAILABLE
8	JUN 28 - JUL 11	NOT AVAILABLE	NOT AVAILABLE
9	JUL 12 - JUL 25	NOT AVAILABLE	NOT AVAILABLE
10	JUL 26 - AUG 8	NOT AVAILABLE	NOT AVAILABLE
11	AUG 9 - AUG 22	NOT AVAILABLE	NOT AVAILABLE
12	AUG 23 - SEP 5	NOT AVAILABLE	NOT AVAILABLE
13	SEP 6 - SEP 19	NOT AVAILABLE	NOT AVAILABLE
14	SEP 20 - OCT 3	NOT AVAILABLE	NOT AVAILABLE
15	OCT 4 - OCT 17	NOT AVAILABLE	NOT AVAILABLE
16	OCT 18 - OCT 31	1.4	NOT AVAILABLE
17	NOV 1 - NOV 14	2.2	NOT AVAILABLE
18	NOV 15 - NOV 28	1.4	NOT AVAILABLE
19	NOV 29 - DEC 12	1.8	NOT AVAILABLE
20	DEC 13 - DEC 26	NOT AVAILABLE	NOT AVAILABLE
21	DEC 27 - JAN 9	1.1	NOT AVAILABLE
22	JAN 10 - JAN 23	0.9	NOT AVAILABLE
23	JAN 24 - FEB 6	1.0	NOT AVAILABLE
24	FEB 7 - FEB 20	0.8	NOT AVAILABLE
25	FEB 21 - MAR 5	0.8	NOT AVAILABLE
26	MAR 6 - MAR 19	0.8	NOT AVAILABLE

Summary for GRISWOLD SIOUX VALLEY BAND

Average	1.2
Minimum	0.8
Maximum	2.2
Samples Above Limit	4
Samples Below Limits	0
% Outside Limits:	40%
Number of Samples	10

Fluoride Control Data 2003 / 2004

LOCATION HAMIOTA
OPERATOR Ken Curle
PHONE 764-2531

FLUORIDATOR LMI A751
CHEMICAL NaF 4 %
NATURAL FLUORIDE 0.29

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.5	0.60
2	APR 5 - APR 18	1.1	1.18
3	APR 19 - MAY 2	0.9	0.81
4	MAY 3 - MAY 16	0.9	1.16
5	MAY 17 - MAY 30	1.0	1.05
6	MAY 31 - JUN 13	0.9	0.89
7	JUN 14 - JUN 27	0.9	0.89
8	JUN 28 - JUL 11	1.0	0.93
9	JUL 12 - JUL 25	1.0	0.77
10	JUL 26 - AUG 8	0.9	0.90
11	AUG 9 - AUG 22	0.9	0.92
12	AUG 23 - SEP 5	0.9	1.04
13	SEP 6 - SEP 19	0.9	0.97
14	SEP 20 - OCT 3	0.9	0.75
15	OCT 4 - OCT 17	1.0	1.36
16	OCT 18 - OCT 31	1.0	0.97
17	NOV 1 - NOV 14	0.9	0.81
18	NOV 15 - NOV 28	1.0	0.88
19	NOV 29 - DEC 12	0.9	0.80
20	DEC 13 - DEC 26	1.0	0.83
21	DEC 27 - JAN 9	0.9	0.75
22	JAN 10 - JAN 23	0.9	0.96
23	JAN 24 - FEB 6	1.0	1.08
24	FEB 7 - FEB 20	1.0	NOT AVAILABLE
25	FEB 21 - MAR 5	0.8	0.96
26	MAR 6 - MAR 19	0.9	1.11

Summary for HAMIOTA		
Average	0.9	0.93
Minimum	0.5	0.60
Maximum	1.1	1.36
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	HARTNEY	FLUORIDATOR	LMI A741
OPERATOR	Greg Morrison	CHEMICAL	NaF 4 %
PHONE	858-2076	NATURAL FLUORIDE	0.2

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.6	0.95
2	APR 5 - APR 18	1.3	1.15
3	APR 19 - MAY 2	1.1	1.10
4	MAY 3 - MAY 16	1.0	1.05
5	MAY 17 - MAY 30	0.8	1.00
6	MAY 31 - JUN 13	0.7	1.00
7	JUN 14 - JUN 27	0.8	0.90
8	JUN 28 - JUL 11	1.4	1.15
9	JUL 12 - JUL 25	1.4	1.10
10	JUL 26 - AUG 8	1.2	1.10
11	AUG 9 - AUG 22	1.1	1.05
12	AUG 23 - SEP 5	0.8	0.90
13	SEP 6 - SEP 19	0.8	0.90
14	SEP 20 - OCT 3	0.9	0.95
15	OCT 4 - OCT 17	0.9	0.95
16	OCT 18 - OCT 31	1.5	1.20
17	NOV 1 - NOV 14	1.3	1.15
18	NOV 15 - NOV 28	1.3	1.15
19	NOV 29 - DEC 12	1.1	1.10
20	DEC 13 - DEC 26	1.0	1.00
21	DEC 27 - JAN 9	0.8	1.05
22	JAN 10 - JAN 23	1.1	1.10
23	JAN 24 - FEB 6	1.3	1.15
24	FEB 7 - FEB 20	1.1	1.15
25	FEB 21 - MAR 5	1.0	1.10
26	MAR 6 - MAR 19	0.9	1.05

Summary for HARTNEY		
Average	1.0	1.06
Minimum	0.6	0.90
Maximum	1.5	1.20
Samples Above Limit	7	
Samples Below Limits	2	
% Outside Limits:	35%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION KILLARNEY	FLUORIDATOR LMI B721
OPERATOR Shawn Lamb	CHEMICAL NaF 4 %
PHONE 523-8944	NATURAL FLUORIDE 0.19

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.40
2	APR 5 - APR 18	1.1	1.40
3	APR 19 - MAY 2	0.9	1.20
4	MAY 3 - MAY 16	0.8	1.20
5	MAY 17 - MAY 30	0.8	1.20
6	MAY 31 - JUN 13	1.0	1.20
7	JUN 14 - JUN 27	1.2	1.30
8	JUN 28 - JUL 11	1.1	1.20
9	JUL 12 - JUL 25	1.3	1.50
10	JUL 26 - AUG 8	1.1	1.40
11	AUG 9 - AUG 22	1.1	1.30
12	AUG 23 - SEP 5	1.0	1.30
13	SEP 6 - SEP 19	0.9	1.30
14	SEP 20 - OCT 3	1.0	1.30
15	OCT 4 - OCT 17	1.0	1.30
16	OCT 18 - OCT 31	1.0	1.30
17	NOV 1 - NOV 14	1.1	1.20
18	NOV 15 - NOV 28	1.3	1.30
19	NOV 29 - DEC 12	1.4	1.40
20	DEC 13 - DEC 26	1.3	1.30
21	DEC 27 - JAN 9	1.1	1.20
22	JAN 10 - JAN 23	1.0	1.30
23	JAN 24 - FEB 6	1.0	1.10
24	FEB 7 - FEB 20	1.0	1.20
25	FEB 21 - MAR 5	1.1	1.20
26	MAR 6 - MAR 19	1.2	1.20

Summary for KILLARNEY		
Average	1.1	1.28
Minimum	0.8	1.10
Maximum	1.4	1.50
Samples Above Limit	4	
Samples Below Limits	0	
% Outside Limits:	15%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	LETELLIER	FLUORIDATOR	LMI
OPERATOR	Kurt Henry	CHEMICAL	H2SiF6 25 %
PHONE	737-2265	NATURAL FLUORIDE	0.17

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	0.97
2	APR 5 - APR 18	0.9	1.01
3	APR 19 - MAY 2	1.0	1.08
4	MAY 3 - MAY 16	0.9	1.08
5	MAY 17 - MAY 30	1.0	1.03
6	MAY 31 - JUN 13	1.0	1.02
7	JUN 14 - JUN 27	1.0	1.01
8	JUN 28 - JUL 11	1.0	1.05
9	JUL 12 - JUL 25	1.0	1.03
10	JUL 26 - AUG 8	1.0	1.10
11	AUG 9 - AUG 22	1.0	1.22
12	AUG 23 - SEP 5	1.0	1.08
13	SEP 6 - SEP 19	1.0	1.07
14	SEP 20 - OCT 3	1.1	1.17
15	OCT 4 - OCT 17	1.2	1.09
16	OCT 18 - OCT 31	1.1	1.10
17	NOV 1 - NOV 14	1.1	1.12
18	NOV 15 - NOV 28	1.1	1.20
19	NOV 29 - DEC 12	1.0	1.12
20	DEC 13 - DEC 26	1.0	1.13
21	DEC 27 - JAN 9	1.0	1.11
22	JAN 10 - JAN 23	1.0	1.12
23	JAN 24 - FEB 6	NOT AVAILABLE	NOT AVAILABLE
24	FEB 7 - FEB 20	1.0	1.13
25	FEB 21 - MAR 5	1.0	1.12
26	MAR 6 - MAR 19	1.0	1.10

Summary for LETELLIER		
Average	1.0	1.09
Minimum	0.9	0.97
Maximum	1.2	1.22
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	25	

Fluoride Control Data 2003 / 2004

LOCATION	LONG PLAIN	FLUORIDATOR	LMI Saturator
OPERATOR	Morris Peters	CHEMICAL	NaF 4 %
PHONE	252-2094	NATURAL FLUORIDE	0.23

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	NOT AVAILABLE
2	APR 5 - APR 18	0.6	NOT AVAILABLE
3	APR 19 - MAY 2	0.6	NOT AVAILABLE
4	MAY 3 - MAY 16	0.6	NOT AVAILABLE
5	MAY 17 - MAY 30	0.6	NOT AVAILABLE
6	MAY 31 - JUN 13	1.1	NOT AVAILABLE
7	JUN 14 - JUN 27	1.0	NOT AVAILABLE
8	JUN 28 - JUL 11	1.2	NOT AVAILABLE
9	JUL 12 - JUL 25	1.0	NOT AVAILABLE
10	JUL 26 - AUG 8	0.9	NOT AVAILABLE
11	AUG 9 - AUG 22	1.6	NOT AVAILABLE
12	AUG 23 - SEP 5	1.6	NOT AVAILABLE
13	SEP 6 - SEP 19	1.1	NOT AVAILABLE
14	SEP 20 - OCT 3	1.3	0.96
15	OCT 4 - OCT 17	1.6	NOT AVAILABLE
16	OCT 18 - OCT 31	2.5	NOT AVAILABLE
17	NOV 1 - NOV 14	3.0	0.81
18	NOV 15 - NOV 28	2.2	0.70
19	NOV 29 - DEC 12	3.9	0.92
20	DEC 13 - DEC 26	3.5	0.79
21	DEC 27 - JAN 9	4.7	0.77
22	JAN 10 - JAN 23	1.2	NOT AVAILABLE
23	JAN 24 - FEB 6	0.7	1.14
24	FEB 7 - FEB 20	0.7	NOT AVAILABLE
25	FEB 21 - MAR 5	0.9	1.00
26	MAR 6 - MAR 19	0.7	NOT AVAILABLE

Summary for LONG PLAIN		
Average	1.5	0.89
Minimum	0.6	0.70
Maximum	4.7	1.14
Samples Above Limit	10	
Samples Below Limits	8	
% Outside Limits:	69%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	MANITOU	FLUORIDATOR	LMI Saturator
OPERATOR	Bob Barett	CHEMICAL	NaF 4 %
PHONE	242-2885	NATURAL FLUORIDE	0.19

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.1	1.18
2	APR 5 - APR 18	1.1	1.18
3	APR 19 - MAY 2	1.1	1.18
4	MAY 3 - MAY 16	1.1	1.20
5	MAY 17 - MAY 30	1.1	1.13
6	MAY 31 - JUN 13	1.2	1.24
7	JUN 14 - JUN 27	1.2	1.18
8	JUN 28 - JUL 11	1.2	1.22
9	JUL 12 - JUL 25	1.2	1.18
10	JUL 26 - AUG 8	1.0	1.14
11	AUG 9 - AUG 22	1.1	1.20
12	AUG 23 - SEP 5	1.1	1.09
13	SEP 6 - SEP 19	1.0	1.17
14	SEP 20 - OCT 3	1.3	1.21
15	OCT 4 - OCT 17	1.2	1.09
16	OCT 18 - OCT 31	1.2	1.14
17	NOV 1 - NOV 14	1.0	1.08
18	NOV 15 - NOV 28	1.0	0.89
19	NOV 29 - DEC 12	1.2	1.24
20	DEC 13 - DEC 26	1.1	1.17
21	DEC 27 - JAN 9	1.0	1.15
22	JAN 10 - JAN 23	1.2	1.18
23	JAN 24 - FEB 6	1.1	1.14
24	FEB 7 - FEB 20	1.0	1.19
25	FEB 21 - MAR 5	1.0	1.14
26	MAR 6 - MAR 19	1.0	1.13

Summary for MANITOU		
Average	1.1	1.16
Minimum	1.0	0.89
Maximum	1.3	1.24
Samples Above Limit	1	
Samples Below Limits	0	
% Outside Limits:	4%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	MELITA	FLUORIDATOR	W&T Saturato
OPERATOR	Bob Reddaway	CHEMICAL	NaF 4 %
PHONE	522-3413	NATURAL FLUORIDE	0.18

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.6	1.07
2	APR 5 - APR 18	0.9	0.61
3	APR 19 - MAY 2	1.3	1.50
4	MAY 3 - MAY 16	0.7	1.28
5	MAY 17 - MAY 30	0.6	0.56
6	MAY 31 - JUN 13	0.6	1.34
7	JUN 14 - JUN 27	NOT AVAILABLE	NOT AVAILABLE
8	JUN 28 - JUL 11	1.0	0.92
9	JUL 12 - JUL 25	0.8	0.93
10	JUL 26 - AUG 8	0.9	0.90
11	AUG 9 - AUG 22	0.9	1.64
12	AUG 23 - SEP 5	0.6	0.90
13	SEP 6 - SEP 19	0.5	0.77
14	SEP 20 - OCT 3	0.5	0.78
15	OCT 4 - OCT 17	0.6	0.67
16	OCT 18 - OCT 31	0.7	0.82
17	NOV 1 - NOV 14	0.8	1.00
18	NOV 15 - NOV 28	0.8	0.90
19	NOV 29 - DEC 12	0.7	0.96
20	DEC 13 - DEC 26	0.7	0.94
21	DEC 27 - JAN 9	0.6	0.81
22	JAN 10 - JAN 23	0.7	0.95
23	JAN 24 - FEB 6	0.8	1.06
24	FEB 7 - FEB 20	0.7	1.09
25	FEB 21 - MAR 5	0.8	1.05
26	MAR 6 - MAR 19	0.7	0.97

Summary for MELITA		
Average	0.7	0.98
Minimum	0.5	0.56
Maximum	1.3	1.64
Samples Above Limit	1	
Samples Below Limits	15	
% Outside Limits:	64%	
Number of Samples	25	

Fluoride Control Data 2003 / 2004

LOCATION	MINNEDOSA	FLUORIDATOR	Prominent
OPERATOR	Frank Taylor	CHEMICAL	H2SiF6 25 %
PHONE	867-2949	NATURAL FLUORIDE	0.28

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.10
2	APR 5 - APR 18	0.9	1.10
3	APR 19 - MAY 2	0.8	1.10
4	MAY 3 - MAY 16	NOT AVAILABLE	NOT AVAILABLE
5	MAY 17 - MAY 30	0.6	1.00
6	MAY 31 - JUN 13	1.5	1.10
7	JUN 14 - JUN 27	1.7	1.10
8	JUN 28 - JUL 11	1.4	1.10
9	JUL 12 - JUL 25	1.6	1.05
10	JUL 26 - AUG 8	0.9	2.00
11	AUG 9 - AUG 22	0.8	1.09
12	AUG 23 - SEP 5	0.9	0.95
13	SEP 6 - SEP 19	0.8	0.95
14	SEP 20 - OCT 3	0.9	NOT AVAILABLE
15	OCT 4 - OCT 17	1.0	1.06
16	OCT 18 - OCT 31	0.9	1.10
17	NOV 1 - NOV 14	0.9	1.14
18	NOV 15 - NOV 28	1.0	0.93
19	NOV 29 - DEC 12	0.9	1.00
20	DEC 13 - DEC 26	0.9	1.10
21	DEC 27 - JAN 9	0.8	1.05
22	JAN 10 - JAN 23	0.9	1.10
23	JAN 24 - FEB 6	0.9	1.05
24	FEB 7 - FEB 20	0.7	1.05
25	FEB 21 - MAR 5	0.7	1.00
26	MAR 6 - MAR 19	0.8	1.05

Summary for MINNEDOSA		
Average	1.0	1.09
Minimum	0.6	0.93
Maximum	1.7	2.00
Samples Above Limit	4	
Samples Below Limits	3	
% Outside Limits:	28%	
Number of Samples	25	

Fluoride Control Data 2003 / 2004

LOCATION	MORDEN	FLUORIDATOR	Prominent
OPERATOR	Larry Benoit	CHEMICAL	H2SiF6 25 %
PHONE	822-5707	NATURAL FLUORIDE	0.32

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.9	1.10
2	APR 5 - APR 18	0.9	1.10
3	APR 19 - MAY 2	0.8	1.10
4	MAY 3 - MAY 16	0.9	1.00
5	MAY 17 - MAY 30	0.8	1.10
6	MAY 31 - JUN 13	1.0	1.20
7	JUN 14 - JUN 27	1.0	1.00
8	JUN 28 - JUL 11	1.0	1.10
9	JUL 12 - JUL 25	1.0	1.00
10	JUL 26 - AUG 8	0.9	1.10
11	AUG 9 - AUG 22	0.9	1.00
12	AUG 23 - SEP 5	0.8	1.00
13	SEP 6 - SEP 19	0.8	1.10
14	SEP 20 - OCT 3	0.9	1.00
15	OCT 4 - OCT 17	0.9	1.00
16	OCT 18 - OCT 31	0.9	1.10
17	NOV 1 - NOV 14	0.9	1.10
18	NOV 15 - NOV 28	1.0	1.10
19	NOV 29 - DEC 12	0.9	1.10
20	DEC 13 - DEC 26	0.9	1.10
21	DEC 27 - JAN 9	0.9	0.90
22	JAN 10 - JAN 23	1.0	1.20
23	JAN 24 - FEB 6	1.0	1.20
24	FEB 7 - FEB 20	0.8	1.10
25	FEB 21 - MAR 5	0.8	1.20
26	MAR 6 - MAR 19	0.8	1.10

Summary for MORDEN		
Average	0.9	1.08
Minimum	0.8	0.90
Maximum	1.0	1.20
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION MORRIS
OPERATOR Richard Dupuis
PHONE 746-2790

FLUORIDATOR Prominent
CHEMICAL H2SiF6 25 %
NATURAL FLUORIDE 0.22

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.1	1.24
2	APR 5 - APR 18	0.9	1.10
3	APR 19 - MAY 2	1.1	1.06
4	MAY 3 - MAY 16	1.2	1.17
5	MAY 17 - MAY 30	1.1	1.21
6	MAY 31 - JUN 13	1.1	1.16
7	JUN 14 - JUN 27	1.2	1.23
8	JUN 28 - JUL 11	1.3	1.12
9	JUL 12 - JUL 25	1.0	1.07
10	JUL 26 - AUG 8	1.2	1.26
11	AUG 9 - AUG 22	1.3	1.17
12	AUG 23 - SEP 5	1.3	1.17
13	SEP 6 - SEP 19	1.1	1.06
14	SEP 20 - OCT 3	1.3	NOT AVAILABLE
15	OCT 4 - OCT 17	1.3	1.08
16	OCT 18 - OCT 31	1.3	1.23
17	NOV 1 - NOV 14	1.0	0.97
18	NOV 15 - NOV 28	1.0	0.94
19	NOV 29 - DEC 12	1.1	1.12
20	DEC 13 - DEC 26	1.0	1.00
21	DEC 27 - JAN 9	0.9	0.86
22	JAN 10 - JAN 23	1.1	1.08
23	JAN 24 - FEB 6	1.2	1.11
24	FEB 7 - FEB 20	1.0	1.07
25	FEB 21 - MAR 5	1.0	1.06
26	MAR 6 - MAR 19	1.1	1.05

Summary for MORRIS

Average	1.1	1.10
Minimum	0.9	0.86
Maximum	1.3	1.26
Samples Above Limit	6	
Samples Below Limits	0	
% Outside Limits:	23%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION NEEPAWA
OPERATOR George Squires
PHONE 476-5331

FLUORIDATOR W&T A690
CHEMICAL Na2SiF6 (Dry)
NATURAL FLUORIDE 0.24

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	0.95
2	APR 5 - APR 18	0.9	1.13
3	APR 19 - MAY 2	0.7	0.97
4	MAY 3 - MAY 16	0.8	1.09
5	MAY 17 - MAY 30	0.7	NOT AVAILABLE
6	MAY 31 - JUN 13	0.8	1.26
7	JUN 14 - JUN 27	1.0	NOT AVAILABLE
8	JUN 28 - JUL 11	1.5	NOT AVAILABLE
9	JUL 12 - JUL 25	1.0	1.53
10	JUL 26 - AUG 8	1.2	1.68
11	AUG 9 - AUG 22	1.5	1.54
12	AUG 23 - SEP 5	0.9	1.01
13	SEP 6 - SEP 19	0.8	0.58
14	SEP 20 - OCT 3	1.2	1.17
15	OCT 4 - OCT 17	0.7	1.17
16	OCT 18 - OCT 31	1.0	0.91
17	NOV 1 - NOV 14	0.9	0.98
18	NOV 15 - NOV 28	0.7	0.95
19	NOV 29 - DEC 12	1.0	1.13
20	DEC 13 - DEC 26	0.7	0.82
21	DEC 27 - JAN 9	0.7	0.90
22	JAN 10 - JAN 23	0.8	1.01
23	JAN 24 - FEB 6	1.0	1.23
24	FEB 7 - FEB 20	0.5	0.73
25	FEB 21 - MAR 5	0.7	0.80
26	MAR 6 - MAR 19	0.7	0.95

Summary for NEEPAWA		
Average	0.9	1.06
Minimum	0.5	0.58
Maximum	1.5	1.68
Samples Above Limit	2	
Samples Below Limits	10	
% Outside Limits:	46%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	NORWAY HOUSE COMMUNITY COUNCIL	FLUORIDATOR	Prominent
OPERATOR	Steve Mowatt	CHEMICAL	H2SiF6 25 %
PHONE	359-6719	NATURAL FLUORIDE	0.21

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	NOT AVAILABLE	NOT AVAILABLE
2	APR 5 - APR 18	1.0	1.21
3	APR 19 - MAY 2	0.9	1.13
4	MAY 3 - MAY 16	NOT AVAILABLE	NOT AVAILABLE
5	MAY 17 - MAY 30	0.6	0.71
6	MAY 31 - JUN 13	NOT AVAILABLE	NOT AVAILABLE
7	JUN 14 - JUN 27	0.9	0.79
8	JUN 28 - JUL 11	0.9	0.92
9	JUL 12 - JUL 25	1.0	0.99
10	JUL 26 - AUG 8	1.0	0.98
11	AUG 9 - AUG 22	NOT AVAILABLE	NOT AVAILABLE
12	AUG 23 - SEP 5	NOT AVAILABLE	NOT AVAILABLE
13	SEP 6 - SEP 19	NOT AVAILABLE	NOT AVAILABLE
14	SEP 20 - OCT 3	NOT AVAILABLE	NOT AVAILABLE
15	OCT 4 - OCT 17	NOT AVAILABLE	NOT AVAILABLE
16	OCT 18 - OCT 31	NOT AVAILABLE	NOT AVAILABLE
17	NOV 1 - NOV 14	1.0	0.95
18	NOV 15 - NOV 28	1.0	1.00
19	NOV 29 - DEC 12	0.8	0.92
20	DEC 13 - DEC 26	1.0	0.93
21	DEC 27 - JAN 9	1.0	0.90
22	JAN 10 - JAN 23	1.0	0.95
23	JAN 24 - FEB 6	0.8	0.84
24	FEB 7 - FEB 20	1.0	1.07
25	FEB 21 - MAR 5	0.8	0.86
26	MAR 6 - MAR 19	0.8	0.86

Summary for NORWAY HOUSE COMMUNITY COUNCIL		
Average	0.9	0.94
Minimum	0.6	0.71
Maximum	1.0	1.21
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	6%	
Number of Samples	17	

Fluoride Control Data 2003 / 2004

LOCATION OPASKWAYAK CREE NATION (OCN) FLUORIDATOR N/A

OPERATOR Harold Young CHEMICAL NaF 4%

PHONE N/A NATURAL FLUORIDE 0

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	NOT AVAILABLE	NOT AVAILABLE
2	APR 5 - APR 18	0.5	0.60
3	APR 19 - MAY 2	0.7	0.70
4	MAY 3 - MAY 16	0.6	0.70
5	MAY 17 - MAY 30	0.6	0.60
6	MAY 31 - JUN 13	0.6	0.60
7	JUN 14 - JUN 27	0.5	0.50
8	JUN 28 - JUL 11	0.6	0.70
9	JUL 12 - JUL 25	1.0	0.70
10	JUL 26 - AUG 8	0.8	0.70
11	AUG 9 - AUG 22	0.6	0.70
12	AUG 23 - SEP 5	0.4	0.60
13	SEP 6 - SEP 19	0.7	0.80
14	SEP 20 - OCT 3	0.8	0.80
15	OCT 4 - OCT 17	0.6	0.60
16	OCT 18 - OCT 31	0.5	0.60
17	NOV 1 - NOV 14	0.4	0.90
18	NOV 15 - NOV 28	0.4	0.60
19	NOV 29 - DEC 12	0.4	0.40
20	DEC 13 - DEC 26	NOT AVAILABLE	NOT AVAILABLE
21	DEC 27 - JAN 9	NOT AVAILABLE	NOT AVAILABLE
22	JAN 10 - JAN 23	0.4	0.50
23	JAN 24 - FEB 6	NOT AVAILABLE	NOT AVAILABLE
24	FEB 7 - FEB 20	0.3	0.30
25	FEB 21 - MAR 5	0.3	0.40
26	MAR 6 - MAR 19	0.3	0.40

Summary for OPASKWAYAK CREE NATION (OCN)

Average	0.5	0.61
Minimum	0.3	0.30
Maximum	1.0	0.90
Samples Above Limit	0	
Samples Below Limits	19	
% Outside Limits:	86%	
Number of Samples	22	

Fluoride Control Data 2003 / 2004

LOCATION	PILOT MOUND	FLUORIDATOR	LMI Saturator
OPERATOR	Ron Forbes	CHEMICAL	NaF 4 %
PHONE	825-2115	NATURAL FLUORIDE	0.21

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	0.95
2	APR 5 - APR 18	0.7	0.88
3	APR 19 - MAY 2	0.7	0.84
4	MAY 3 - MAY 16	0.7	0.89
5	MAY 17 - MAY 30	1.0	0.88
6	MAY 31 - JUN 13	0.8	0.92
7	JUN 14 - JUN 27	1.0	0.99
8	JUN 28 - JUL 11	1.0	0.94
9	JUL 12 - JUL 25	1.0	0.95
10	JUL 26 - AUG 8	0.9	0.96
11	AUG 9 - AUG 22	1.1	1.01
12	AUG 23 - SEP 5	1.0	1.18
13	SEP 6 - SEP 19	0.9	0.97
14	SEP 20 - OCT 3	1.2	1.08
15	OCT 4 - OCT 17	1.1	1.01
16	OCT 18 - OCT 31	1.0	0.92
17	NOV 1 - NOV 14	1.0	1.00
18	NOV 15 - NOV 28	1.1	1.11
19	NOV 29 - DEC 12	0.8	0.87
20	DEC 13 - DEC 26	1.1	1.10
21	DEC 27 - JAN 9	0.9	1.05
22	JAN 10 - JAN 23	0.8	0.82
23	JAN 24 - FEB 6	1.0	1.03
24	FEB 7 - FEB 20	0.7	0.92
25	FEB 21 - MAR 5	0.8	0.85
26	MAR 6 - MAR 19	0.8	0.91

Summary for PILOT MOUND		
Average	0.9	0.96
Minimum	0.7	0.82
Maximum	1.2	1.18
Samples Above Limit	0	
Samples Below Limits	5	
% Outside Limits:	19%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	PINAWA	FLUORIDATOR	Pulse Mate
OPERATOR	Ron McDowall	CHEMICAL	H2SiF6 25 %
PHONE	753-2542	NATURAL FLUORIDE	0.08

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.9	0.92
2	APR 5 - APR 18	0.9	0.90
3	APR 19 - MAY 2	1.0	0.96
4	MAY 3 - MAY 16	1.0	0.94
5	MAY 17 - MAY 30	1.0	0.92
6	MAY 31 - JUN 13	1.0	0.95
7	JUN 14 - JUN 27	1.0	0.95
8	JUN 28 - JUL 11	1.1	0.98
9	JUL 12 - JUL 25	1.0	0.99
10	JUL 26 - AUG 8	1.1	0.96
11	AUG 9 - AUG 22	0.9	0.98
12	AUG 23 - SEP 5	1.2	1.00
13	SEP 6 - SEP 19	1.0	1.19
14	SEP 20 - OCT 3	1.0	0.88
15	OCT 4 - OCT 17	1.0	0.94
16	OCT 18 - OCT 31	0.7	0.94
17	NOV 1 - NOV 14	1.0	0.96
18	NOV 15 - NOV 28	1.1	0.83
19	NOV 29 - DEC 12	1.0	0.96
20	DEC 13 - DEC 26	1.2	1.17
21	DEC 27 - JAN 9	1.0	0.99
22	JAN 10 - JAN 23	1.0	0.98
23	JAN 24 - FEB 6	1.1	1.00
24	FEB 7 - FEB 20	0.8	0.93
25	FEB 21 - MAR 5	0.9	0.90
26	MAR 6 - MAR 19	0.9	0.90

Summary for PINAWA		
Average	1.0	0.96
Minimum	0.7	0.83
Maximum	1.2	1.19
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	PORTAGE LA PRAIRIE	FLUORIDATOR	W&T A690
OPERATOR	Doug Campbell	CHEMICAL	H2SiF6 25 %
PHONE	239-8373	NATURAL FLUORIDE	0.2

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.8	0.91
2	APR 5 - APR 18	1.0	1.03
3	APR 19 - MAY 2	0.8	0.95
4	MAY 3 - MAY 16	0.6	0.70
5	MAY 17 - MAY 30	0.8	0.81
6	MAY 31 - JUN 13	1.0	1.04
7	JUN 14 - JUN 27	0.9	1.00
8	JUN 28 - JUL 11	1.0	0.92
9	JUL 12 - JUL 25	1.0	1.02
10	JUL 26 - AUG 8	1.0	0.98
11	AUG 9 - AUG 22	1.1	0.72
12	AUG 23 - SEP 5	0.5	1.06
13	SEP 6 - SEP 19	1.0	1.01
14	SEP 20 - OCT 3	1.1	1.12
15	OCT 4 - OCT 17	1.2	1.12
16	OCT 18 - OCT 31	1.1	1.06
17	NOV 1 - NOV 14	1.0	1.06
18	NOV 15 - NOV 28	1.2	1.10
19	NOV 29 - DEC 12	1.0	1.04
20	DEC 13 - DEC 26	1.0	1.04
21	DEC 27 - JAN 9	1.1	1.07
22	JAN 10 - JAN 23	0.9	0.93
23	JAN 24 - FEB 6	0.7	0.94
24	FEB 7 - FEB 20	0.7	0.88
25	FEB 21 - MAR 5	1.0	1.04
26	MAR 6 - MAR 19	1.2	1.14

Summary for PORTAGE LA PRAIRIE		
Average	0.9	0.99
Minimum	0.5	0.70
Maximum	1.2	1.14
Samples Above Limit	0	
Samples Below Limits	4	
% Outside Limits:	15%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	RESTON	FLUORIDATOR	W&T A745
OPERATOR	Ken Moore	CHEMICAL	NaF 4 %
PHONE	877-3862	NATURAL FLUORIDE	0.13

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.00
2	APR 5 - APR 18	0.9	1.00
3	APR 19 - MAY 2	1.0	1.05
4	MAY 3 - MAY 16	1.1	1.05
5	MAY 17 - MAY 30	1.0	1.05
6	MAY 31 - JUN 13	0.7	0.95
7	JUN 14 - JUN 27	1.0	1.05
8	JUN 28 - JUL 11	1.0	1.05
9	JUL 12 - JUL 25	1.1	1.10
10	JUL 26 - AUG 8	1.0	1.05
11	AUG 9 - AUG 22	1.2	1.05
12	AUG 23 - SEP 5	1.0	0.95
13	SEP 6 - SEP 19	0.8	1.00
14	SEP 20 - OCT 3	1.0	1.05
15	OCT 4 - OCT 17	0.8	0.95
16	OCT 18 - OCT 31	0.9	1.05
17	NOV 1 - NOV 14	0.9	1.00
18	NOV 15 - NOV 28	0.9	1.05
19	NOV 29 - DEC 12	0.9	1.05
20	DEC 13 - DEC 26	1.0	1.05
21	DEC 27 - JAN 9	1.0	1.00
22	JAN 10 - JAN 23	0.9	1.10
23	JAN 24 - FEB 6	1.0	1.00
24	FEB 7 - FEB 20	0.8	1.05
25	FEB 21 - MAR 5	1.0	1.10
26	MAR 6 - MAR 19	0.9	1.05

Summary for RESTON		
Average	1.0	1.03
Minimum	0.7	0.95
Maximum	1.2	1.10
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	RIVERS	FLUORIDATOR	LMI Saturator
OPERATOR	Randy King	CHEMICAL	NaF 4 %
PHONE	328-7480	NATURAL FLUORIDE	0.18

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	0.71
2	APR 5 - APR 18	1.0	1.00
3	APR 19 - MAY 2	0.9	0.91
4	MAY 3 - MAY 16	0.9	0.94
5	MAY 17 - MAY 30	1.0	0.91
6	MAY 31 - JUN 13	0.7	0.85
7	JUN 14 - JUN 27	1.5	0.95
8	JUN 28 - JUL 11	1.5	1.31
9	JUL 12 - JUL 25	0.6	0.74
10	JUL 26 - AUG 8	0.6	0.60
11	AUG 9 - AUG 22	1.3	0.95
12	AUG 23 - SEP 5	0.7	0.88
13	SEP 6 - SEP 19	0.8	0.84
14	SEP 20 - OCT 3	1.3	1.14
15	OCT 4 - OCT 17	1.9	1.56
16	OCT 18 - OCT 31	1.6	1.37
17	NOV 1 - NOV 14	0.9	0.89
18	NOV 15 - NOV 28	1.2	0.88
19	NOV 29 - DEC 12	1.5	1.35
20	DEC 13 - DEC 26	0.8	0.80
21	DEC 27 - JAN 9	0.9	0.81
22	JAN 10 - JAN 23	0.9	0.97
23	JAN 24 - FEB 6	1.1	0.96
24	FEB 7 - FEB 20	1.0	0.86
25	FEB 21 - MAR 5	1.1	1.08
26	MAR 6 - MAR 19	1.0	0.95

Summary for RIVERS		
Average	1.1	0.97
Minimum	0.6	0.60
Maximum	1.9	1.56
Samples Above Limit	7	
Samples Below Limits	5	
% Outside Limits:	46%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION ROBLIN	FLUORIDATOR W&T A745
OPERATOR Glen Reierson	CHEMICAL NaF 4 %
PHONE 937-2377	NATURAL FLUORIDE 0.26

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.20
2	APR 5 - APR 18	0.9	1.10
3	APR 19 - MAY 2	1.0	1.15
4	MAY 3 - MAY 16	1.0	1.10
5	MAY 17 - MAY 30	1.0	1.10
6	MAY 31 - JUN 13	1.0	1.10
7	JUN 14 - JUN 27	1.0	1.10
8	JUN 28 - JUL 11	1.1	1.10
9	JUL 12 - JUL 25	0.9	1.15
10	JUL 26 - AUG 8	1.0	1.15
11	AUG 9 - AUG 22	1.0	1.15
12	AUG 23 - SEP 5	1.0	1.15
13	SEP 6 - SEP 19	1.0	1.10
14	SEP 20 - OCT 3	1.1	1.15
15	OCT 4 - OCT 17	NOT AVAILABLE	NOT AVAILABLE
16	OCT 18 - OCT 31	1.1	1.05
17	NOV 1 - NOV 14	1.0	1.10
18	NOV 15 - NOV 28	1.1	1.10
19	NOV 29 - DEC 12	1.0	1.10
20	DEC 13 - DEC 26	1.1	1.10
21	DEC 27 - JAN 9	1.1	1.10
22	JAN 10 - JAN 23	0.9	1.05
23	JAN 24 - FEB 6	1.1	1.15
24	FEB 7 - FEB 20	1.0	1.15
25	FEB 21 - MAR 5	1.0	1.15
26	MAR 6 - MAR 19	0.9	1.05

Summary for ROBLIN		
Average	1.0	1.12
Minimum	0.9	1.05
Maximum	1.1	1.20
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	25	

Fluoride Control Data 2003 / 2004

LOCATION	ROSSBURN	FLUORIDATOR	W&T A745
OPERATOR	Nick Antoniw	CHEMICAL	NaF 4 %
PHONE	859-2273	NATURAL FLUORIDE	0.1

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	0.90
2	APR 5 - APR 18	0.8	0.90
3	APR 19 - MAY 2	1.0	1.00
4	MAY 3 - MAY 16	1.0	1.00
5	MAY 17 - MAY 30	1.0	1.10
6	MAY 31 - JUN 13	0.8	1.00
7	JUN 14 - JUN 27	0.8	0.90
8	JUN 28 - JUL 11	1.0	0.90
9	JUL 12 - JUL 25	0.9	0.90
10	JUL 26 - AUG 8	1.0	0.90
11	AUG 9 - AUG 22	0.8	0.90
12	AUG 23 - SEP 5	0.6	0.90
13	SEP 6 - SEP 19	0.6	0.80
14	SEP 20 - OCT 3	0.7	0.80
15	OCT 4 - OCT 17	1.0	1.10
16	OCT 18 - OCT 31	1.0	1.10
17	NOV 1 - NOV 14	0.9	0.90
18	NOV 15 - NOV 28	0.9	0.90
19	NOV 29 - DEC 12	0.8	0.80
20	DEC 13 - DEC 26	0.6	0.80
21	DEC 27 - JAN 9	0.9	1.00
22	JAN 10 - JAN 23	1.1	1.10
23	JAN 24 - FEB 6	0.8	1.10
24	FEB 7 - FEB 20	0.8	0.90
25	FEB 21 - MAR 5	0.8	1.00
26	MAR 6 - MAR 19	0.9	0.90

Summary for ROSSBURN		
Average	0.9	0.94
Minimum	0.6	0.80
Maximum	1.1	1.10
Samples Above Limit	0	
Samples Below Limits	5	
% Outside Limits:	19%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	RUSSELL	FLUORIDATOR	LMI A151
OPERATOR	Mark Moan	CHEMICAL	NaF 4 %
PHONE	773-3185	NATURAL FLUORIDE	0.21

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.00
2	APR 5 - APR 18	0.9	0.99
3	APR 19 - MAY 2	0.8	0.84
4	MAY 3 - MAY 16	0.9	0.99
5	MAY 17 - MAY 30	0.8	1.02
6	MAY 31 - JUN 13	0.9	1.06
7	JUN 14 - JUN 27	0.8	0.96
8	JUN 28 - JUL 11	1.0	1.01
9	JUL 12 - JUL 25	0.9	0.94
10	JUL 26 - AUG 8	1.0	0.99
11	AUG 9 - AUG 22	0.9	1.04
12	AUG 23 - SEP 5	0.9	1.03
13	SEP 6 - SEP 19	1.0	1.01
14	SEP 20 - OCT 3	1.0	0.94
15	OCT 4 - OCT 17	0.9	0.93
16	OCT 18 - OCT 31	1.1	1.04
17	NOV 1 - NOV 14	1.0	1.10
18	NOV 15 - NOV 28	1.0	1.07
19	NOV 29 - DEC 12	0.9	0.94
20	DEC 13 - DEC 26	0.9	0.96
21	DEC 27 - JAN 9	1.0	1.11
22	JAN 10 - JAN 23	1.0	1.04
23	JAN 24 - FEB 6	1.0	0.98
24	FEB 7 - FEB 20	1.0	0.98
25	FEB 21 - MAR 5	0.8	0.98
26	MAR 6 - MAR 19	0.9	1.09

Summary for RUSSELL		
Average	0.9	1.00
Minimum	0.8	0.84
Maximum	1.1	1.11
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	SANFORD	FLUORIDATOR	W&T
OPERATOR	Trevor Richardson	CHEMICAL	H2SiF6 25 %
PHONE	736-4327	NATURAL FLUORIDE	0.1

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.9	1.01
2	APR 5 - APR 18	0.9	0.95
3	APR 19 - MAY 2	0.9	0.89
4	MAY 3 - MAY 16	0.8	0.88
5	MAY 17 - MAY 30	0.9	1.00
6	MAY 31 - JUN 13	1.0	1.00
7	JUN 14 - JUN 27	0.8	0.95
8	JUN 28 - JUL 11	1.0	0.93
9	JUL 12 - JUL 25	1.0	0.97
10	JUL 26 - AUG 8	0.9	0.91
11	AUG 9 - AUG 22	0.9	0.92
12	AUG 23 - SEP 5	0.9	0.99
13	SEP 6 - SEP 19	0.9	0.98
14	SEP 20 - OCT 3	1.0	1.00
15	OCT 4 - OCT 17	1.0	0.99
16	OCT 18 - OCT 31	1.0	0.96
17	NOV 1 - NOV 14	1.0	1.00
18	NOV 15 - NOV 28	1.0	1.02
19	NOV 29 - DEC 12	0.9	1.05
20	DEC 13 - DEC 26	0.9	1.02
21	DEC 27 - JAN 9	1.0	1.02
22	JAN 10 - JAN 23	1.0	1.00
23	JAN 24 - FEB 6	0.8	1.03
24	FEB 7 - FEB 20	1.0	1.00
25	FEB 21 - MAR 5	0.8	1.04
26	MAR 6 - MAR 19	0.9	1.06

Summary for SANFORD		
Average	0.9	0.98
Minimum	0.8	0.88
Maximum	1.0	1.06
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION SAPOTAWEYAK
OPERATOR Horace Cook
PHONE 587-2125

FLUORIDATOR
CHEMICAL NaF 4 %
NATURAL FLUORIDE 0.31

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	NOT AVAILABLE	NOT AVAILABLE
2	APR 5 - APR 18	NOT AVAILABLE	NOT AVAILABLE
3	APR 19 - MAY 2	NOT AVAILABLE	NOT AVAILABLE
4	MAY 3 - MAY 16	NOT AVAILABLE	NOT AVAILABLE
5	MAY 17 - MAY 30	NOT AVAILABLE	NOT AVAILABLE
6	MAY 31 - JUN 13	NOT AVAILABLE	NOT AVAILABLE
7	JUN 14 - JUN 27	NOT AVAILABLE	NOT AVAILABLE
8	JUN 28 - JUL 11	NOT AVAILABLE	NOT AVAILABLE
9	JUL 12 - JUL 25	NOT AVAILABLE	NOT AVAILABLE
10	JUL 26 - AUG 8	NOT AVAILABLE	NOT AVAILABLE
11	AUG 9 - AUG 22	NOT AVAILABLE	NOT AVAILABLE
12	AUG 23 - SEP 5	NOT AVAILABLE	NOT AVAILABLE
13	SEP 6 - SEP 19	NOT AVAILABLE	NOT AVAILABLE
14	SEP 20 - OCT 3	NOT AVAILABLE	NOT AVAILABLE
15	OCT 4 - OCT 17	NOT AVAILABLE	NOT AVAILABLE
16	OCT 18 - OCT 31	NOT AVAILABLE	NOT AVAILABLE
17	NOV 1 - NOV 14	NOT AVAILABLE	NOT AVAILABLE
18	NOV 15 - NOV 28	NOT AVAILABLE	NOT AVAILABLE
19	NOV 29 - DEC 12	NOT AVAILABLE	NOT AVAILABLE
20	DEC 13 - DEC 26	1.0	NOT AVAILABLE
21	DEC 27 - JAN 9	0.7	NOT AVAILABLE
22	JAN 10 - JAN 23	0.8	NOT AVAILABLE
23	JAN 24 - FEB 6	0.9	NOT AVAILABLE
24	FEB 7 - FEB 20	1.0	NOT AVAILABLE
25	FEB 21 - MAR 5	0.6	NOT AVAILABLE
26	MAR 6 - MAR 19	0.7	NOT AVAILABLE

Summary for SAPOTAWEYAK

Average	0.8
Minimum	0.6
Maximum	1.0
Samples Above Limit	0
Samples Below Limits	3
% Outside Limits:	43%
Number of Samples	7

Fluoride Control Data 2003 / 2004

LOCATION	SHILO	FLUORIDATOR	LMI Saturator
OPERATOR	Bill Burke	CHEMICAL	NaF 4 %
PHONE	765-4723	NATURAL FLUORIDE	0.05

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.8	0.92
2	APR 5 - APR 18	0.8	0.89
3	APR 19 - MAY 2	0.9	1.06
4	MAY 3 - MAY 16	0.9	0.99
5	MAY 17 - MAY 30	0.8	NOT AVAILABLE
6	MAY 31 - JUN 13	0.8	0.79
7	JUN 14 - JUN 27	0.8	0.89
8	JUN 28 - JUL 11	1.0	0.80
9	JUL 12 - JUL 25	0.8	0.94
10	JUL 26 - AUG 8	1.0	NOT AVAILABLE
11	AUG 9 - AUG 22	1.0	0.95
12	AUG 23 - SEP 5	1.0	1.06
13	SEP 6 - SEP 19	1.0	1.07
14	SEP 20 - OCT 3	1.0	0.90
15	OCT 4 - OCT 17	1.1	0.96
16	OCT 18 - OCT 31	0.9	0.96
17	NOV 1 - NOV 14	0.9	0.88
18	NOV 15 - NOV 28	1.0	1.03
19	NOV 29 - DEC 12	1.1	1.07
20	DEC 13 - DEC 26	1.1	0.98
21	DEC 27 - JAN 9	1.1	1.17
22	JAN 10 - JAN 23	1.0	1.14
23	JAN 24 - FEB 6	1.1	1.14
24	FEB 7 - FEB 20	0.8	1.12
25	FEB 21 - MAR 5	1.0	1.14
26	MAR 6 - MAR 19	1.1	1.14

Summary for SHILO		
Average	1.0	1.00
Minimum	0.8	0.79
Maximum	1.1	1.17
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION SNOW LAKE	FLUORIDATOR Prom Gamma
OPERATOR Cameron Booth	CHEMICAL H2SiF6 25 %
PHONE 358-7013	NATURAL FLUORIDE 0.1

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.00
2	APR 5 - APR 18	0.9	1.00
3	APR 19 - MAY 2	0.7	0.80
4	MAY 3 - MAY 16	0.9	1.00
5	MAY 17 - MAY 30	1.0	1.10
6	MAY 31 - JUN 13	1.0	1.20
7	JUN 14 - JUN 27	1.0	1.10
8	JUN 28 - JUL 11	1.1	1.10
9	JUL 12 - JUL 25	1.2	1.20
10	JUL 26 - AUG 8	1.1	1.20
11	AUG 9 - AUG 22	1.0	1.20
12	AUG 23 - SEP 5	1.0	1.10
13	SEP 6 - SEP 19	0.8	1.00
14	SEP 20 - OCT 3	1.0	1.00
15	OCT 4 - OCT 17	1.0	1.00
16	OCT 18 - OCT 31	1.2	1.20
17	NOV 1 - NOV 14	1.1	1.10
18	NOV 15 - NOV 28	0.9	NOT AVAILABLE
19	NOV 29 - DEC 12	1.0	1.20
20	DEC 13 - DEC 26	1.0	NOT AVAILABLE
21	DEC 27 - JAN 9	1.0	1.20
22	JAN 10 - JAN 23	0.9	1.10
23	JAN 24 - FEB 6	1.0	1.00
24	FEB 7 - FEB 20	0.8	1.00
25	FEB 21 - MAR 5	0.7	0.90
26	MAR 6 - MAR 19	0.8	1.10

Summary for SNOW LAKE		
Average	1.0	1.08
Minimum	0.7	0.80
Maximum	1.2	1.20
Samples Above Limit	0	
Samples Below Limits	2	
% Outside Limits:	8%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	SOURIS	FLUORIDATOR	LMI Saturator
OPERATOR	Don Bodin and Kelvin Kowalchuk	CHEMICAL	NaF 4 %
PHONE	483-3096	NATURAL FLUORIDE	0.19

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.2	0.91
2	APR 5 - APR 18	1.5	0.83
3	APR 19 - MAY 2	2.0	1.35
4	MAY 3 - MAY 16	1.1	1.00
5	MAY 17 - MAY 30	1.1	0.88
6	MAY 31 - JUN 13	1.4	0.88
7	JUN 14 - JUN 27	1.0	0.92
8	JUN 28 - JUL 11	1.9	0.83
9	JUL 12 - JUL 25	2.2	0.91
10	JUL 26 - AUG 8	2.0	0.88
11	AUG 9 - AUG 22	2.1	1.01
12	AUG 23 - SEP 5	3.2	0.77
13	SEP 6 - SEP 19	4.2	2.04
14	SEP 20 - OCT 3	1.6	1.42
15	OCT 4 - OCT 17	1.0	1.14
16	OCT 18 - OCT 31	1.3	1.02
17	NOV 1 - NOV 14	1.3	1.20
18	NOV 15 - NOV 28	1.3	1.22
19	NOV 29 - DEC 12	1.1	1.18
20	DEC 13 - DEC 26	1.0	1.12
21	DEC 27 - JAN 9	0.8	0.90
22	JAN 10 - JAN 23	0.6	0.66
23	JAN 24 - FEB 6	1.4	1.26
24	FEB 7 - FEB 20	1.0	1.01
25	FEB 21 - MAR 5	1.0	1.10
26	MAR 6 - MAR 19	1.1	1.01

Summary for SOURIS		
Average	1.5	1.06
Minimum	0.6	0.66
Maximum	4.2	2.04
Samples Above Limit	14	
Samples Below Limits	1	
% Outside Limits:	58%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	STEINBACH	FLUORIDATOR	Pulsatron
OPERATOR	Jason Hiebert	CHEMICAL	H2SiF6 25 %
PHONE	326-3708	NATURAL FLUORIDE	0.39

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.9	0.96
2	APR 5 - APR 18	0.9	1.02
3	APR 19 - MAY 2	0.9	1.00
4	MAY 3 - MAY 16	0.9	1.09
5	MAY 17 - MAY 30	0.9	1.05
6	MAY 31 - JUN 13	1.0	1.00
7	JUN 14 - JUN 27	0.9	1.06
8	JUN 28 - JUL 11	1.0	1.04
9	JUL 12 - JUL 25	0.9	1.00
10	JUL 26 - AUG 8	1.0	1.10
11	AUG 9 - AUG 22	1.0	0.97
12	AUG 23 - SEP 5	1.0	1.05
13	SEP 6 - SEP 19	1.1	1.05
14	SEP 20 - OCT 3	1.0	1.05
15	OCT 4 - OCT 17	1.0	1.05
16	OCT 18 - OCT 31	1.0	1.03
17	NOV 1 - NOV 14	NOT AVAILABLE	NOT AVAILABLE
18	NOV 15 - NOV 28	1.0	0.98
19	NOV 29 - DEC 12	1.0	0.99
20	DEC 13 - DEC 26	0.9	1.02
21	DEC 27 - JAN 9	1.0	1.00
22	JAN 10 - JAN 23	1.0	0.96
23	JAN 24 - FEB 6	1.0	1.06
24	FEB 7 - FEB 20	0.8	0.97
25	FEB 21 - MAR 5	0.8	1.04
26	MAR 6 - MAR 19	0.8	0.86

Summary for STEINBACH		
Average	0.9	1.02
Minimum	0.8	0.86
Maximum	1.1	1.10
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	25	

Fluoride Control Data 2003 / 2004

LOCATION	STEPHENFIELD	FLUORIDATOR	Prominent
OPERATOR	Darrin Gross	CHEMICAL	H2SiF6 25 %
PHONE	828-3434	NATURAL FLUORIDE	0.2

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	1.28
2	APR 5 - APR 18	1.0	1.18
3	APR 19 - MAY 2	1.0	1.37
4	MAY 3 - MAY 16	1.1	1.33
5	MAY 17 - MAY 30	1.1	1.26
6	MAY 31 - JUN 13	1.0	1.24
7	JUN 14 - JUN 27	1.1	1.29
8	JUN 28 - JUL 11	1.1	1.26
9	JUL 12 - JUL 25	1.2	1.19
10	JUL 26 - AUG 8	1.1	1.22
11	AUG 9 - AUG 22	1.1	1.15
12	AUG 23 - SEP 5	1.3	1.33
13	SEP 6 - SEP 19	1.2	1.28
14	SEP 20 - OCT 3	1.3	1.39
15	OCT 4 - OCT 17	1.2	1.04
16	OCT 18 - OCT 31	1.1	1.13
17	NOV 1 - NOV 14	1.0	1.17
18	NOV 15 - NOV 28	1.0	1.31
19	NOV 29 - DEC 12	0.8	1.15
20	DEC 13 - DEC 26	0.9	1.05
21	DEC 27 - JAN 9	0.9	1.12
22	JAN 10 - JAN 23	0.9	1.00
23	JAN 24 - FEB 6	1.0	0.99
24	FEB 7 - FEB 20	1.0	1.01
25	FEB 21 - MAR 5	1.0	1.03
26	MAR 6 - MAR 19	1.2	1.29

Summary for STEPHENFIELD		
Average	1.1	1.19
Minimum	0.8	0.99
Maximum	1.3	1.39
Samples Above Limit	2	
Samples Below Limits	0	
% Outside Limits:	8%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	SWAN RIVER	FLUORIDATOR	LMI A741
OPERATOR	Garry Kennedy	CHEMICAL	H2SiF6 25 %
PHONE	734-4628	NATURAL FLUORIDE	0.18

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.8	1.16
2	APR 5 - APR 18	0.8	0.92
3	APR 19 - MAY 2	0.8	1.06
4	MAY 3 - MAY 16	1.0	0.99
5	MAY 17 - MAY 30	0.8	0.83
6	MAY 31 - JUN 13	0.7	0.80
7	JUN 14 - JUN 27	1.0	1.13
8	JUN 28 - JUL 11	0.8	0.97
9	JUL 12 - JUL 25	1.0	1.05
10	JUL 26 - AUG 8	0.9	0.89
11	AUG 9 - AUG 22	0.8	0.97
12	AUG 23 - SEP 5	0.8	0.93
13	SEP 6 - SEP 19	0.9	1.10
14	SEP 20 - OCT 3	1.0	0.99
15	OCT 4 - OCT 17	0.8	0.95
16	OCT 18 - OCT 31	1.0	0.96
17	NOV 1 - NOV 14	0.9	0.97
18	NOV 15 - NOV 28	0.9	0.99
19	NOV 29 - DEC 12	0.9	0.99
20	DEC 13 - DEC 26	0.9	1.02
21	DEC 27 - JAN 9	1.0	1.06
22	JAN 10 - JAN 23	0.9	1.15
23	JAN 24 - FEB 6	1.0	1.07
24	FEB 7 - FEB 20	0.8	1.12
25	FEB 21 - MAR 5	0.8	0.99
26	MAR 6 - MAR 19	0.9	1.07

Summary for SWAN RIVER		
Average	0.9	1.00
Minimum	0.7	0.80
Maximum	1.0	1.16
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	THE PAS	FLUORIDATOR	W&T 32-050
OPERATOR	Ronald Stewart	CHEMICAL	H2SiF6 25 %
PHONE	623-6338	NATURAL FLUORIDE	0.15

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.9	1.00
2	APR 5 - APR 18	0.9	0.90
3	APR 19 - MAY 2	0.8	0.90
4	MAY 3 - MAY 16	1.1	1.10
5	MAY 17 - MAY 30	1.1	1.10
6	MAY 31 - JUN 13	1.0	1.10
7	JUN 14 - JUN 27	1.0	1.10
8	JUN 28 - JUL 11	1.2	1.20
9	JUL 12 - JUL 25	1.2	1.20
10	JUL 26 - AUG 8	0.9	0.90
11	AUG 9 - AUG 22	1.1	1.00
12	AUG 23 - SEP 5	1.1	1.00
13	SEP 6 - SEP 19	1.1	1.00
14	SEP 20 - OCT 3	1.1	1.00
15	OCT 4 - OCT 17	1.1	1.00
16	OCT 18 - OCT 31	1.2	1.00
17	NOV 1 - NOV 14	1.2	1.10
18	NOV 15 - NOV 28	1.2	1.10
19	NOV 29 - DEC 12	1.1	1.00
20	DEC 13 - DEC 26	1.0	1.00
21	DEC 27 - JAN 9	1.1	1.10
22	JAN 10 - JAN 23	1.1	1.00
23	JAN 24 - FEB 6	1.0	1.00
24	FEB 7 - FEB 20	0.7	0.90
25	FEB 21 - MAR 5	0.9	1.00
26	MAR 6 - MAR 19	1.0	1.00

Summary for THE PAS		
Average	1.0	1.03
Minimum	0.7	0.90
Maximum	1.2	1.20
Samples Above Limit	0	
Samples Below Limits	1	
% Outside Limits:	4%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	TREHERNE	FLUORIDATOR	LMI A741
OPERATOR	Ken Lawrence	CHEMICAL	NaF 4 %
PHONE	723-2850	NATURAL FLUORIDE	0.32

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	1.0	NOT AVAILABLE
2	APR 5 - APR 18	1.0	1.00
3	APR 19 - MAY 2	1.0	1.00
4	MAY 3 - MAY 16	1.2	1.00
5	MAY 17 - MAY 30	1.3	1.00
6	MAY 31 - JUN 13	1.0	1.00
7	JUN 14 - JUN 27	1.0	1.00
8	JUN 28 - JUL 11	1.0	1.00
9	JUL 12 - JUL 25	0.9	1.00
10	JUL 26 - AUG 8	1.0	1.00
11	AUG 9 - AUG 22	1.0	0.90
12	AUG 23 - SEP 5	1.0	1.00
13	SEP 6 - SEP 19	0.9	0.90
14	SEP 20 - OCT 3	NOT AVAILABLE	NOT AVAILABLE
15	OCT 4 - OCT 17	1.3	1.00
16	OCT 18 - OCT 31	1.0	0.90
17	NOV 1 - NOV 14	1.1	1.00
18	NOV 15 - NOV 28	0.9	0.80
19	NOV 29 - DEC 12	0.9	0.90
20	DEC 13 - DEC 26	1.6	NOT AVAILABLE
21	DEC 27 - JAN 9	0.6	1.00
22	JAN 10 - JAN 23	0.8	1.00
23	JAN 24 - FEB 6	0.8	1.00
24	FEB 7 - FEB 20	0.8	1.00
25	FEB 21 - MAR 5	0.9	1.00
26	MAR 6 - MAR 19	1.0	1.00

Summary for TREHERNE		
Average	1.0	0.97
Minimum	0.6	0.80
Maximum	1.6	1.00
Samples Above Limit	3	
Samples Below Limits	1	
% Outside Limits:	16%	
Number of Samples	25	

Fluoride Control Data 2003 / 2004

LOCATION VIRDEN	FLUORIDATOR LMI A751
OPERATOR Norm Baxter	CHEMICAL NaF 4 %
PHONE 748-3074	NATURAL FLUORIDE 0.44

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.7	1.10
2	APR 5 - APR 18	0.7	1.05
3	APR 19 - MAY 2	0.7	0.93
4	MAY 3 - MAY 16	0.7	1.01
5	MAY 17 - MAY 30	0.8	1.00
6	MAY 31 - JUN 13	0.7	1.02
7	JUN 14 - JUN 27	0.8	1.01
8	JUN 28 - JUL 11	0.7	0.95
9	JUL 12 - JUL 25	1.0	1.06
10	JUL 26 - AUG 8	0.9	1.13
11	AUG 9 - AUG 22	0.9	1.22
12	AUG 23 - SEP 5	0.7	0.94
13	SEP 6 - SEP 19	0.7	0.99
14	SEP 20 - OCT 3	0.8	0.98
15	OCT 4 - OCT 17	0.8	0.97
16	OCT 18 - OCT 31	0.7	0.98
17	NOV 1 - NOV 14	0.9	0.86
18	NOV 15 - NOV 28	0.9	0.89
19	NOV 29 - DEC 12	0.8	1.01
20	DEC 13 - DEC 26	0.7	0.95
21	DEC 27 - JAN 9	0.8	1.07
22	JAN 10 - JAN 23	0.9	1.09
23	JAN 24 - FEB 6	1.0	1.24
24	FEB 7 - FEB 20	0.8	1.10
25	FEB 21 - MAR 5	0.8	0.96
26	MAR 6 - MAR 19	0.9	1.12

Summary for VIRDEN		
Average	0.8	1.02
Minimum	0.7	0.86
Maximum	1.0	1.24
Samples Above Limit	0	
Samples Below Limits	10	
% Outside Limits:	38%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	WABOWDEN	FLUORIDATOR	Prominent
OPERATOR	Jack McIvor	CHEMICAL	H2SiF6 25 %
PHONE	689-2362	NATURAL FLUORIDE	< 0.10

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.8	1.00
2	APR 5 - APR 18	0.8	1.10
3	APR 19 - MAY 2	1.0	1.20
4	MAY 3 - MAY 16	0.5	0.90
5	MAY 17 - MAY 30	0.7	NOT AVAILABLE
6	MAY 31 - JUN 13	0.9	1.00
7	JUN 14 - JUN 27	1.0	1.10
8	JUN 28 - JUL 11	1.0	1.00
9	JUL 12 - JUL 25	1.1	1.00
10	JUL 26 - AUG 8	0.9	0.90
11	AUG 9 - AUG 22	0.6	1.30
12	AUG 23 - SEP 5	0.4	1.20
13	SEP 6 - SEP 19	0.4	1.20
14	SEP 20 - OCT 3	0.8	0.70
15	OCT 4 - OCT 17	1.0	1.00
16	OCT 18 - OCT 31	0.9	0.60
17	NOV 1 - NOV 14	1.1	1.10
18	NOV 15 - NOV 28	0.9	0.90
19	NOV 29 - DEC 12	1.0	0.80
20	DEC 13 - DEC 26	1.2	0.80
21	DEC 27 - JAN 9	1.3	0.90
22	JAN 10 - JAN 23	1.1	1.00
23	JAN 24 - FEB 6	1.0	1.00
24	FEB 7 - FEB 20	0.6	0.80
25	FEB 21 - MAR 5	1.0	1.20
26	MAR 6 - MAR 19	1.0	1.20

Summary for WABOWDEN		
Average	0.9	1.00
Minimum	0.4	0.60
Maximum	1.3	1.30
Samples Above Limit	1	
Samples Below Limits	6	
% Outside Limits:	27%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION	WINKLER	FLUORIDATOR	Prominent
OPERATOR	John Schmidt	CHEMICAL	H2SiF6 25 %
PHONE	325-8711	NATURAL FLUORIDE	0.26

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.9	0.89
2	APR 5 - APR 18	0.9	1.13
3	APR 19 - MAY 2	0.9	0.94
4	MAY 3 - MAY 16	0.9	0.89
5	MAY 17 - MAY 30	1.0	1.04
6	MAY 31 - JUN 13	1.0	0.81
7	JUN 14 - JUN 27	0.8	1.12
8	JUN 28 - JUL 11	1.0	1.07
9	JUL 12 - JUL 25	1.1	1.13
10	JUL 26 - AUG 8	1.0	0.99
11	AUG 9 - AUG 22	1.0	1.66
12	AUG 23 - SEP 5	1.0	1.07
13	SEP 6 - SEP 19	1.0	1.13
14	SEP 20 - OCT 3	1.1	1.07
15	OCT 4 - OCT 17	1.2	1.17
16	OCT 18 - OCT 31	1.0	0.83
17	NOV 1 - NOV 14	1.1	1.07
18	NOV 15 - NOV 28	1.0	0.90
19	NOV 29 - DEC 12	0.9	0.84
20	DEC 13 - DEC 26	1.0	1.15
21	DEC 27 - JAN 9	1.0	1.04
22	JAN 10 - JAN 23	0.9	0.93
23	JAN 24 - FEB 6	1.0	0.95
24	FEB 7 - FEB 20	0.8	0.90
25	FEB 21 - MAR 5	1.0	0.98
26	MAR 6 - MAR 19	1.0	1.12

Summary for WINKLER		
Average	1.0	1.03
Minimum	0.8	0.81
Maximum	1.2	1.66
Samples Above Limit	0	
Samples Below Limits	0	
% Outside Limits:	0%	
Number of Samples	26	

Fluoride Control Data 2003 / 2004

LOCATION WINNIPEG	FLUORIDATOR W&T
OPERATOR Frank DeVries	CHEMICAL H2SiF6 25 %
PHONE 986-4752	NATURAL FLUORIDE 0.1

	Sampling Period	Lab Fluoride	Operator Fluoride
1	MAR 22 - APR 4	0.8	NOT AVAILABLE
2	APR 5 - APR 18	0.9	NOT AVAILABLE
3	APR 19 - MAY 2	0.8	NOT AVAILABLE
4	MAY 3 - MAY 16	0.9	NOT AVAILABLE
5	MAY 17 - MAY 30	0.8	NOT AVAILABLE
6	MAY 31 - JUN 13	0.8	NOT AVAILABLE
7	JUN 14 - JUN 27	0.8	NOT AVAILABLE
8	JUN 28 - JUL 11	1.0	NOT AVAILABLE
9	JUL 12 - JUL 25	0.9	NOT AVAILABLE
10	JUL 26 - AUG 8	0.9	NOT AVAILABLE
11	AUG 9 - AUG 22	0.9	NOT AVAILABLE
12	AUG 23 - SEP 5	0.8	NOT AVAILABLE
13	SEP 6 - SEP 19	0.9	NOT AVAILABLE
14	SEP 20 - OCT 3	1.0	NOT AVAILABLE
15	OCT 4 - OCT 17	0.9	NOT AVAILABLE
16	OCT 18 - OCT 31	0.9	NOT AVAILABLE
17	NOV 1 - NOV 14	0.9	NOT AVAILABLE
18	NOV 15 - NOV 28	0.9	NOT AVAILABLE
19	NOV 29 - DEC 12	0.8	NOT AVAILABLE
20	DEC 13 - DEC 26	0.8	NOT AVAILABLE
21	DEC 27 - JAN 9	0.9	NOT AVAILABLE
22	JAN 10 - JAN 23	0.9	NOT AVAILABLE
23	JAN 24 - FEB 6	0.9	NOT AVAILABLE
24	FEB 7 - FEB 20	0.8	NOT AVAILABLE
25	FEB 21 - MAR 5	0.8	NOT AVAILABLE
26	MAR 6 - MAR 19	0.9	NOT AVAILABLE

Summary for WINNIPEG

Average	0.9
Minimum	0.8
Maximum	1.0
Samples Above Limit	0
Samples Below Limits	0
% Outside Limits:	0%
Number of Samples	26